From: 'Monarko, Mackenzie L. (CYD) (FBI)' via 'anti-s' <anti-s@ncfta.net>

Sent on: Thursday, July 19, 2018 6:23:03 PM

To: anti-s@ncfta.net

CC: Monarko, Mackenzie L. (CYD) (FBI) <mlmonarko@fbi.gov>

Subject: [anti-s] WhatsApp LE POC

Good Afternoon,

Does anyone know of a law enforcement friendly contact at WhatsApp?

Thank you! ~Mackenzie~

Mackenzie Monarko Special Agent FBI Pittsburgh Desk: 412-432-4467

Cell: 215-285-2185

Email: mlmonarko@fbi.gov

From: Elverson, Christopher W. (CYD) (FBI)<cwelverson@fbi.gov>

Sent on: Monday, December 11, 2017 9:57:26 PM

To: anti-s@ncfta.net Subject: [anti-s] ZeroAccess

Is anyone still seeing activity or being affected by ZeroAccess malware (first discovered in 2009, disruption in 2013)? If so, please let me know.

Thanks, Chris

Chris Elverson | Supervisory Special Agent | FBI Cyber Division | 313-670-6824 Liaison at NCFTA, 2000 Technology Dr, STE 450, Pittsburgh, PA 15219 From: Leszczynski, Ryan J. (CYD) (FBI) via anti-s<anti-s@ncfta.net>

Sent on: Thursday, September 24, 2020 12:01:24 AM

To: anti-s@ncfta.net

CC: Leszczynski, Ryan J. (CYD) (FBI)<rjleszczynski@fbi.gov>

Subject: [EXTERNAL EMAIL] - [anti-s] FBI Cyber Contact

Hi Nate...

I help run this list - feel free to reach out to me direct to schedule a time.

R

Ryan J. Leszczynski Supervisory Special Agent | FBI, Cyber Division Liaison, National Cyber Forensics and Training Alliance W: 412-618-3179 | C:702-303-9833 rjleszczynski@fbi.gov

On Sep 23, 2020 18:54, "Edin, Nate via anti-s" <anti-s@ncfta.net> wrote:

Question for the group....Is there an FBI Cyber agent that would be willing to have a short conversation tomorrow morning?

Thanks again,

Nate

Nate Edin | Cyber Security Incident Response Team (CSIRT) Director - CISSP CHFI Security Architecture & Enterprise Information Risk Management 3660 Victoria St N. | Shoreview, MN 55126 Cell phone 612-759-1812 nate.edin@deluxe.com



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Information posted to anti-s is highly confidential and should not be re-posted anywhere with

^{**} sent from mobile device, apologies for any typos **

From: Aldenberg, William B. (NH) (FBI)<wballenberg@fbi.gov>

Sent on: Thursday, February 4, 2021 11:49:37 PM

To: Keromytis, Angelos D<angelos@gatech.edu>

CC: Aldenberg, William (JMD)<William.Aldenberg@usdoj.gov>; DeFilippis, Andrew

(USANYS)<Andrew.DeFilippis@usdoj.gov>

Subject: [EXTERNAL EMAIL] - Re: DARPA

Angelos

I have copied Andrew DeFilippis the AUSA handling this matter. We would like to have a short call with you tomorrow to give you a general overview of what we would like to discuss next Thursday. Please let us know if you have time and we will give you a call. Shouldn't be more than 10 minutes.

Thank you,

Bill

On Feb 4, 2021 4:43 PM, "Keromytis, Angelos D" <angelos@gatech.edu> wrote: Bill.

Per our quick call: I can make myself available for an unclassified call with the assistant attorney(s) next Thursday, 1300-1400 Eastern. Please send me VTC information.

Since (as you also mentioned in your original email, below) you are treating me as a (possible) witness to a matter, I will be attending by myself.

As discussed, it would be helpful to know the general topic(s)/area(s) for discussion, so I can confirm with the DARPA GC what I can speak to wrt proprietary sensitivities -- some contracting matters are DARPA-internal, and there are also some constraints on what I can say about contracts that I was managing that fall under 18 USC. (See attached documents. I don't expect what we'll discuss will fall under these provisions, but do keep it in mind because I will be.)

Thanks,

-Angelos

- > On Feb 4, 2021, at 2:57 PM, Aldenberg, William B. (NH) (FBI) <wballenberg@fbi.gov> wrote:
- > Dr. Keromytis

> My name is Special Agent Bill Aldenberg with the FBI. I am currently assigned to the Special Counsels office. We would like to speak with you regarding your time at DARPA. You are possibly a witness to a matter we are investigating. Please give me a call when you have a moment. My cell # is 203-868-7487 and my desk number is 203-503-5200. The main # for my office is 203-503-5000.

- > Kate Wasch from your General Counsel's office was notified that we were going to reach out to you.
- > Thank you and we look forward to speaking with you.
- > Bill Aldenberg
- > FBI New Haven

From: Aldenberg, William B. (NH) (FBI)<wballenberg@fbi.gov> Sent on: Friday, February 12, 2021 12:15:07 AM To: Keromytis, Angelos D<angelos@gatech.edu>; Aldenberg, William (JMD)<William.Aldenberg@usdoj.gov>; DeFilippis, Andrew (JMD)<Andrew.DeFilippis2@usdoj.gov> Subject: [EXTERNAL EMAIL] - Re: Interview with Angelos Keromytis **Angelos** Thank you for the information and taking the time to speak with us today. Bill On Feb 11, 2021 3:41 PM, "Keromytis, Angelos D" <angelos@gatech.edu> wrote: In case these help, since you asked related questions: - First time I met Dave Dagon (that I have a record for) is on November 2015, at DARPA. Probably some emails prior/leading up to that, as I was doing the planning for the EA program (what datasets exist, what is technical possible/plausible, etc.) - First time I met Rodney Joffe (again, that I have a record for) is on April 2016; intent was to find out about what data Neustar has/had that might be helpful to the program. Had a couple of follow-ons (not sure if meetings or phone calls) in June. - First discussion with FBI (NCIJTF) about EA around February 2016. (We had prior interactions, going back to March 2015, about a different program.) - First discussion with NSD/DoJ about EA ~December 2015 (although maybe also October 2015). (These are from my calendar, so I have limited context.) -Angelos > On Feb 10, 2021, at 8:15 PM, Aldenberg, William (JMD) < William.Aldenberg@usdoj.gov> wrote: > > Angelos > The meeting info is below. > Thank you > > Bill > Sent from my iPhone > Begin forwarded message:

>> Subject: Interview with Angelos Keromytis >>

>> Date: February 10, 2021 at 6:30:47 PM EST

>> From: "Arsenault, Kori (USACT)" <karsenault@usa.doj.gov>

>> To: "Aldenberg, William (JMD)" <waldenberg@jmd.usdoj.gov>

```
>>
>> -- Do not delete or change any of the following text. --
>>
>> When it's time, join your Webex meeting here.
>>
>> Join meeting <a href="https://usao.webex.com/usao/j.php?MTID=m55b5d90407dccb738475e7b0f93cb1a7">>> Join meeting <a href="https://usao.webex.com/usao/j.php?mTID=m55b5d90407dccb738475e7b0f93cb1a7">https://usao.webex.com/usao/j.php?mTID=m55b5d90407dccb738475e7b0f93cb1a7</a> >> Internal content of the c
>> More ways to join:
>>
>> Join from the meeting link
>> https://usao.webex.com/usao/j.php?MTID=m55b5d90407dccb738475e7b0f93cb1a7
>>
>> Join by meeting number
>> Meeting number (access code): 199 859 3736
>> Meeting password: UgVshRcp362
>>
>> Tap to join from a mobile device (attendees only)
>> +1-929-251-9612,,1998593736##<tel:%2B1-929-251-9612,,*01*1998593736%23%23*01*> USA Toll 2
>> +1-415-527-5035,,1998593736##<tel:%2B1-415-527-5035,,*01*1998593736%23%23*01*> US Toll
>>
>> Join by phone
>> +1-929-251-9612 USA Toll 2
>> +1-415-527-5035 US Toll
>> Global call-in numbers <
https://usao.webex.com/usao/globalcallin.php?MTID=m21b20fbab4af75f730b728900d31a653>
>>
>> Join from a video system or application
>> Dial 1998593736@usao.webex.com<sip:1998593736@usao.webex.com>
>> You can also dial 207.182.190.20 and enter your meeting number.
>>
>>
>> Join using Microsoft Lync or Microsoft Skype for Business
>> Dial 1998593736.usao@lync.webex.com<sip:1998593736.usao@lync.webex.com>
>>
>>
>> If you are a host, click here<
https://usao.webex.com/usao/j.php?MTID=mf804e11bfbb9d451c23297eca1e87ab2> to view host information.
>>
>>
>> Need help? Go to <a href="https://help.webex.com">https://help.webex.com</a>
>>
>>
```

From: Leszczynski, Ryan J. (CYD) (FBI) via anti-s<anti-s@ncfta.net>

Sent on: Friday, November 6, 2020 12:43:35 AM

To: anti-s@ncfta.net

CC: Leszczynski, Ryan J. (CYD) (FBI)<rjleszczynski@fbi.gov>

Subject: [EXTERNAL EMAIL] - [anti-s] Gmail account used to approach staff for sensitive data.

Thanks Scott

This sounds awfully similar to other attempts to recruit insiders at other companies (ISPs, registrars, financial). In those cases, the subjects were social engineers focused on gaining access to customer accounts or internal customer service platforms. They would often use social network accounts to contact employees, such as LinkedIn, Instagram, Twitter and Facebook. These actors also have the ability to conduct sim swaps to facilitate access.

I would be curious if other companies are seeing similar targeting.

Thanks

Ryan

Ryan J. Leszczynski Supervisory Special Agent | FBI, Cyber Division Liaison, National Cyber Forensics and Training Alliance W: 412-618-3179 | C:702-303-9833 rjleszczynski@fbi.gov

** sent from mobile device, apologies for any typos **

On Nov 5, 2020 19:08, "Scott A. McIntyre via anti-s" <anti-s@ncfta.net> wrote: Hi all,

One of our call centre employees received an interesting outreach message from:

The sender of the message claimed to have found our staff member via a LinkedIn search -- full text of what they sent is below:

- > I found it on linked in, if you want to make some good additional
- > money on the side by just giving my some customer info and some other
- > information about the company / customers. Please let me know, we can
- > talk about it further, if you are interested, please reply to this
- > email preferably from a new created email that isn't related with you
- > name if that makes you feel more safe. This would be good money for
- > you, possibly even life changing amounts. All payments would be done
- > via bitcoin, this is seriously a 100% real and serious offer if you
- > are serious about it and would like to work with me as I said above
- > reply to this email and we can talk on a safe messaging app like
- > "Wickr ME" which is an encrypted app for messaging Thanks for the read

Our staff member received this to a personal email account (Yahoo), so, we don't have much more to go on for the moment (requesting full email/headers now).
Just thought it might be worth sharing
Best regards,
Scott
AS1221 / Telstra
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Information posted to anti-s is highly confidential and should not be re-posted anywhere wi

> and let me know.

From: Leszczynski, Ryan J. (CYD) (FBI) via anti-s<anti-s@ncfta.net>

Sent on: Saturday, August 29, 2020 12:04:52 AM

To: anti-s@ncfta.net

CC: Leszczynski, Ryan J. (CYD) (FBI)<rjleszczynski@fbi.gov>

Subject: [EXTERNAL EMAIL] - RE: [EXTERNAL] [anti-s] Fwd:

Attachments: pdf (1020.7 KB)

Apologies...my phone failed me.

Should be attached now.

R

Ryan J. Leszczynski Supervisory Special Agent | FBI, Cyber Division Liaison, National Cyber Forensics and Training Alliance W: 412-618-3179 | C:702-303-9833 rjleszczynski@fbi.gov

On Aug 28, 2020 19:02, Michael Wise < Michael.Wise@microsoft.com > wrote:

Missing attachment?

Aloha,

Michael.

Michael J Wise

Microsoft Corporation | Spam Analysis

"Your Spam Specimen Has Been Processed."

Open a ticket for <u>Hotmail</u>?

From: anti-s@ncfta.net <anti-s@ncfta.net> Sent: Friday, August 28, 2020 3:52 PM

To: anti-s@ncfta.net

Cc: Leszczynski, Ryan J. (CYD) (FBI) <rjleszczynski@fbi.gov>

Subject: [EXTERNAL] [anti-s] Fwd:

Hi everyone:

Please see the attached FBI Liaison Alert System

is being disseminated to provide information and technical details regarding Ransom Denial of Service (RDoS) attacks against financial institutions and other industries.

This product is marked TLP: GREEN and may be shared with peers and partner organizations within their sector or community, but not via publicly accessible channels.

Ryan J. Leszczynski

Supervisory Special Agent | FBI, Cyber Division Liaison, National Cyber Forensics and Training Alliance

W: 412-618-3179 | C:702-303-9833

rjleszczynski@fbi.gov

^{**} sent from mobile device, apologies for any typos **

^{**} sent from mobile device, apologies for any typos **

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Information	posted	to	anti-s	is	highly	confidential	and	should	not	be	re-posted	anywhere	wi

From: dagon

Sent on: Monday, July 6, 2020 7:42:13 PM

To: kate.wasch@legal.gatech.edu; manos@gatech.edu Subject: [Tim.Fuhrman@usdoj.gov: FW: Possible Interview]

Hi,

I previously forwarded an email to you from Tim Fuhrman, before the holiday on June 30, 2020. I just received the message below.

Is there any update?

---- Forwarded message from "Fuhrman, Tim (JMD)" <Tim.Fuhrman@usdoj.gov> -----

Date: Mon, 6 Jul 2020 17:48:52 +0000

From: "Fuhrman, Tim (JMD)" <Tim.Fuhrman@usdoj.gov>

To:

CC: "Fuhrman, Timothy J. (MO) (FBI)" <TJFUHRMAN@fbi.gov>

Subject: FW: Possible Interview

Message-ID: <CY1P110MB0373932A5FD75121EF61F45B9F690@CY1P110MB0373.NAMP110.PROD.OUTLOOK.COM>

Content-Type: multipart/alternative;

boundary="_000_CY1P110MB0373932A5FD75121EF61F45B9F690CY1P110MB0373NAMP_"

Mr. Dagon- I am forwarding the attached email which I sent to you last week. That email was preceded by three voicemail messages left for you to determine if you would agree to a voluntary interview now that Georgia Tech and the Department of Defense have no objection to you doing so. As I am in Washington, DC this week, I can be reached on any of the three numbers listed below or you may feel free to respond to this email address. I hope that I will receive a response from you this time.

Tim Fuhrman, Investigator, Department of Justice 202-616-1470 (Office) 202-307-2388 (Alternate Office) 202-532-3557 (Cell)

From: Fuhrman, Timothy J. (MO) (FBI) <TJFUHRMAN@fbi.gov>

Sent: Monday, June 29, 2020 12:49 PM

To:

Subject: Possible Interview

Mr. Dagon- as you may recall, I contacted you several months ago on behalf of the US Department of Justice (DOJ). At that time you indicated that you did not believe either Georgia Tech or the Department of Defense (DOD) entity funding your research would authorize you to be interviewed about the matters that are of interest to us. After numerous discussions with the DOD entity and Georgia Tech's Office of General Counsel, we have been advised that neither organization objects to an interview of you as part of our work.

As I mentioned to you previously, our investigation has found that you have knowledge relevant to it. To that end, we believe that you are a witness who can provide valuable information to advance our investigation.

I would ask that you kindly contact me at 202-532-3557 (Cell); 202-6161470 (DC Office); or 251-415-3298 (Temporary office in Mobile, AL) so that we can schedule an interview with you. Thank you in advance for your cooperation. Timothy Fuhrman, Investigator, DOJ

---- End forwarded message -----

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>

Sent on: Thursday, July 22, 2021 7:27:18 PM

To: DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov>

Subject: Accepted: Dr. Antonakakis/Special Counsel WebEx

Attachments: meeting.ics (1.39 KB)

From: "Keromytis, Angelos D" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=8F339093DC3C4BC7B981913B18F6BCFB-KEROMYTIS_A>

Sent on: Thursday, January 30, 2020 9:33:23 PM To: Hunt, Chad R. (AT) (FBI) <chunt@fbi.gov> Subject: Accepted: New initiative out of GT

Attachments: meeting.ics (1.39 KB)

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE

GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-

ANTONAKAKIS>

Sent on: Thursday, January 30, 2020 9:05:10 PM

To: Hunt, Chad R. (AT) (FBI)chunt@fbi.gov

Subject: Accepted: New initiative out of GT

Attachments: meeting.ics (1.4 KB)

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>

Sent on: Friday, July 16, 2021 3:45:10 PM

To: DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov> Subject: Accepted: Webex with Manos Antonakakis (Georgia Tech)

Attachments: meeting.ics (1.4 KB)

From: Michelle Morrison<mmorriso@umd.edu>
Sent on: Thursday, November 14, 2019 6:22:57 PM

Katherine.e.arrington.civ@mail.mil; steven.baum@verizon.com; pb3a@virginia.edu; Edward ; malcolm.carrie@baesystems.com; chan@mit.edu; Clark, Jaimie CIV DIA (US)<Jaimie.Clark@dodiis.mil>; tcc@mitre.org; joycec@dni.gov; pete.dinsmore@jhuapl.edu; Jeffrey Dodson<Jeffrey.dodson@baesystems.com>; wrevanina@fbi.gov; Florey, Ian COL FM JS J4 (UK)<ian.florey.fm@mail.mil>; Randy FORT<Randall.M.Fort@raytheon.com>; Gade, William R CIV DIA (US)<William.Gade@dodiis.mil>; Lisa Harringtonlisa@lharringtongroup.com>; Hedberg, Thomas D. (Fed)<thomas.hedberg@nist.gov>; Helu, Moneer M. (Fed)<moneer.helu@nist.gov>; Hernandez, Danielle M CIV DIA (US)

Spanielle.Hernandez@dodiis.mil>; thomas.hoare@wiltonpark.org.uk; Hughes, Brian D CIV OSD OUSD R-E (USA) < brian.d.hughes3.civ@mail.mil>; james.a.ittenbach.civ@mail.mil; Ivester, Robert<robert.ivester@ee.doe.gov>; edward.jakes@nnsa.doe.gov; gordon.b.johnson@lmco.com; joel.al.johnson@lmco.com; angelos@gatech.edu; david.kessler1@verizon.com; louis.kratz@lmco.com; sandra.j.kuypers.civ@mail.mil; James Lewis<jalewis@csis.org>; Liddle, Kirk M COL USARMY AWC (USA)<kirk.m.liddle.mil@mail.mil>; William Lucyshyn<lucyshyn@umd.edu>; rjmcclellan@micron.com; jessica.mcfate@tecsonomy.com; Michael McGrath<mfm@mcgrathanalytics-llc.com>; Paul Michaels<paul michaels@icloud.com>; Nehmer, Mark A CIV DCSA DCSA HQ (USA)<Mark.A.Nehmer.civ@mail.mil>; Chris Nissen<can@mitre.org>; Persons, Timothy M<personst@gao.gov>; Wayne G Phoel<wphoel@umd.edu>; aporter@cs.umd.edu; dawn.pulliam@lmco.com; Kurt.r.ravenfeld@lmco.com; William C Regli<regli@umd.edu>; Harvey Rishikof<rishikofh@me.com>; sandi.roddy@jhuapl.edu; Robert W. Rohrer, Rush, Scottscott.rush@lmco.com>; Peter Sandborn<sandborn@umd.edu>; scott.m.sperling@lmco.com; timothy.sprock@nist.gov; william.d.stephens24.civ@mail.mil; Thomas.Summers@nnsa.doe.gov; Switzer, Bryan R (Rick)<switzerbr@state.gov>; paul.syers@ee.doe.gov; Theriault, Jason C CIV DCSA DCSA ISIA (USA)<jason.c.theriault.civ@mail.mil>; douglas.d.thomas@lmco.com; Thomas, Maryjo (CD) (FBI)<mthomas4@fbi.gov>; Maryjo CIV (USA)<maryjo.thomas.civ@mail.mil>; mtt1@arl.psu.edu; melinda.k.woods.civ@mail.mil; Virginia L. Wright<Virginia.Wright@inl.gov>; Carlisle, Jennifer<jennifer.carlisle@hq.dhs.gov>; Sunita Patel<Sunita.Patel@dni.gov>

CC: Craig Travers Lawrence<clawren4@umd.edu>; Sara McConnell<smcconnell@arlis.umd.edu>; Erin Fitzgerald-Rey<erinf@umd.edu>

Subject: ARLIS workshop - feedback requested

Dear all,

To:

Thank youfor participating in the 2019 ARLIS Workshop to Secure and Illuminate the Global Industrial Base. We welcome your feedback on the event and discussions; but also look for your guidance regarding next steps that ARLIS should take to advance these topics and the community. Please take 5 minutes and provide us feedback on the meeting. You can find the survey here.

If you would prefer to send your feedback directly to Bill Regli, you may do so (regli@umd.edu).

Thank you very much, Michelle, on behalf of Bill, Harvey, and Chris

--

Michelle Morrison, PhD
Associate Research Scientist
Applied Research Lab for Intelligence and Security
University of Maryland
mmorrison@arlis.umd.edu

From: Michelle Morrison<mmorriso@umd.edu>
Sent on: Thursday, October 31, 2019 5:47:46 PM

To: Katherine.e.arrington.civ@mail.mil; pb3a@virginia.edu;

malcolm.carrie@baesystems.com; tcc@mitre.org; joycec@dni.gov; pete.dinsmore@jhuapl.edu;

Jeffrey Dodson

ian.florey.fm@mail.mil; Randall.M.Fort@raytheon.com; Gade, William R CIV DIA

(US)<William.Gade@dodiis.mil>; lisa@lharringtongroup.com;

helmut.h.hawkins.civ@mail.mil; Hedberg, Thomas D. (Fed)<thomas.hedberg@nist.gov>; moneer.helu@nist.gov; thomas.hoare@wiltonpark.org.uk; Hughes, Brian D CIV OSD OUSD

R-E (USA)

strian.d.hughes3.civ@mail.mil>; Ivester, Robert<robert.ivester@ee.doe.gov>; edward.jakes@nnsa.doe.gov; gordon.b.johnson@lmco.com; angelos@gatech.edu;

louis.kratz@lmco.com; jalewis@csis.org; kirk.m.liddle.mil@mail.mil; William Lucyshyn<lacesquare lucyshyn@umd.edu>; rjmcclellan@micron.com; jessica.mcfate@tecsonomy.com;

Michael McGrath<mfm@mcgrath-analytics-llc.com>; Paul

Wayne G Phoelwphoel@umd.edu; aporter@cs.umd.edu; dawn.pulliam@lmco.com;

Kurt.r.ravenfeld@lmco.com; William C Regli<regli@umd.edu>; Harvey

Rishikof<rishikofh@me.com>; sandi.roddy@jhuapl.edu; Robert.Rohrer@dni.gov; Rush,

Scott<scott.rush@lmco.com>; Peter Sandborn<sandborn@umd.edu>;

scott.m.sperling@lmco.com; timothy.sprock@nist.gov; william.d.stephens24.civ@mail.mil; Switzer, Bryan R (Rick)<switzerbr@state.gov>; Theriault, Jason C CIV DCSA DCSA ISIA (USA)<jason.c.theriault.civ@mail.mil>; douglas.d.thomas@lmco.com; mthomas4@fbi.gov;

Maryjo CIV (USA)<maryjo.thomas.civ@mail.mil>; Virginia L.

Wright<Virginia.Wright@inl.gov>; may106@arl.psu.edu; kim.skiles@lmco.com;

jphelan@raytheon.com; JEANNPC@dni.gov

CC: Sara McConnellsmcconnell@arlis.umd.edu; Craig Travers Lawrence<clawren4@umd.edu>

Subject: ARLIS workshop - venue change and draft program

Attachments: Workshop Nov2019 draftprogram 103019.pdf (818.9 KB)

Dear all,

I hope this email finds you well. We are looking forward to seeing you in a couple of weeks. Please find attached a draft program for the workshop and a list of workshop participants—it's shaping up to be an exciting event!

Importantly, please note that the venue for Day 1 of the workshop has changed. Interest in the event exceeded our expectations (and our reserved space on campus); therefore, the entire event will now take place at the University of Maryland Applied Research Lab for Intelligence and Security (7005 52nd Ave, College Park, MD 20742). There will not be any sessions on the main campus in the Kim Engineering Building. Please be sure to update your calendars accordingly.

There is ample <u>free parking</u> at ARLIS. For those of you who are staying at The Hotel, we will work with The Hotel to provide a shuttle to ARLIS each morning. For those of you who will be using the Metro, ARLIS is a convenient 5-minute walk from the College Park station on the Green line.

If you are planning to attend the classified session and have not yet had your clearance passed, please do so as soon as possible. The best way to do this is to have a visit request sent through JPAS. If your VR is sent by fax, please note that it must come from your government sponsor. More information from our security office is included below.

Cleared US folks can have their security office send clearance info in JPAS to either our SCI level SMO code (0UB922 – leading digit is a zero) or if collateral to SMO code 0UB924. If they don't have JPAS their security office can fax a visit authorization request (VAR) to our Security fax (if at SCI level it needs to come from their government sponsor security office) at 301-226-8811

You can use my name (Michelle Morrison) as the visit POC. My office number is 301-226-8846, and our address is University of Maryland ARLIS, 7005 52nd Ave, College Park, MD 20742

We are looking forward to seeing you in just a few weeks. If you have any questions, please email them to me and Sara

McConnell (smcconnell@arlis.umd.edu) and we will be sure they make it to the right person.
Best,
Michelle

Adiaballa Massisa a DbD

Michelle Morrison, PhD
Associate Research Scientist, Maryland Language Science Center
Affiliate, Applied Research Lab for Intelligence and Security
University of Maryland
mmorrison@arlis.umd.edu

From: Antonakakis, Manos<manos@gatech.edu>
Sent on: Friday, September 10, 2021 3:51:33 PM

To: McLaughlin, Steven W<swm@gatech.edu>; Abdallah, Chaouki T<ctabdallah@gatech.edu>;

Keromytis, Angelos D<angelos@gatech.edu>

Subject: As the dust slowly settles

Hey Steve and Chaouki,

As the dust slowly settles, and everybody gets a very clear picture of this situation we will need to think about how we move forward.

In meetings I had with both of you, and as I originally identified with this email, we need to come up with a plan that describes how this research can continue in GT yet eliminate as much of the fly-by risk from all parties involved. From what took place over the last two months one thing is clear in my mind; I cannot keep doing things the way we have been doing them at GT. I love GT dearly, I have made numerous personal and financial sacrifices for GT, but the risk is simply too high for me. As Chaouki also acknowledged in one of our recent meetings, the risk is getting too high for GT as well. Not because we are doing something illegal --- it is just the nature of the attribution research our team is engaged in.

In my mind I see a single realistic path forward. The riskiest components of this entire research area (namely; commercial data acquisition and data access) will have to be moved outside GT with the explicit blessing of GT. Decoupling certain research areas from top schools has been done before with great success (i.e., look at what UCB did with ICSI). In our case, we simply have to take advantage of the EA transition vehicle and technology spinoff from GT that we have set up already; VLI.

VLI as you very well know is Angelos' and mine technology spinoff so we have to manage all possible COI with great caution. But I do not think this is a showstopper.

But again, at the end of the day, VLI MUST hold the bulk of data already (and inevitably the bulk of the risk) already because it has been set up to serve the operational needs of DoD when it comes to the EA technology. In my mind, it makes no sense to duplicate this risk in GT. So the million dollar question is the following: How can we keep the risk contained at VLI while enabling more research in GT?

Do we need a blanket COI about how people can work with VLI's data in GT? How can GT and VLI jointly bid on proposals as primes --- so we can keep paying the GRAs in GT and at the same time have experts in the field manage the risk and the operational aspects of the technology transition at VLI? How can we create the proper dynamic between VLI and GT where GT remains the leading research unit in this space and GT clearly acknowledges VLI as the de facto transition vehicle for this research? How can the IP created in GT, by GT researchers yet with data that VLI holds can then be licensed by VLI or the inventor of the technology without throwing VLI's interest under the bus (from a technology and competition point of view)?

We are probably breaking new grounds here and I am not sure if and how any of these are even possible. That being said, I do think that this is a well worth problem spending some time thinking about.

I do not want to give up GT, I do not want to allow a politically motivated body of the DoJ to take away a research area from GT --- a research area that was created by people in this email thread. That is simply unAmerican. But, I cannot be blind and ignorant anymore about what happened the last two months and what will almost certainly happen again in the years to come as political tensions rise.

To that end I would like to set up a meeting as early as possible with all of you to discuss what is possible and what is not. If a mutually beneficial solution that reduces or at least significantly manages the risk for all parties involved can be identified, we should then loop in legal or anyone else necessary to start writing things down in a MoU.

Gentlemen, as I have said before, this is a research area Angelos and I created. We cannot simply walk away from it. Thanks, Manos

From: "Nie, Ling-Ling" < linglingnie@gatech.edu>

Date: Saturday, July 24, 2021 at 11:32 AM

To: "Antonakakis, Manos" <manos@gatech.edu>, "McLaughlin, Steven W" <swm@gatech.edu>, "Abdallah,

Chaouki T" <ctabdallah@gatech.edu>

Subject: Re: FGJ Subpoena for Manos Antonakakis

Hi Manos: Thank you for your thoughtful email. I know these last few weeks have been a whirlwind. I will ask my assistant to reach out on Monday to schedule time for all of us to talk further.

Ling-Ling

From: Antonakakis, Manos <manos@gatech.edu>

Sent: Saturday, July 24, 2021 10:50 AM

To: McLaughlin, Steven W; Abdallah, Chaouki T; Nie, Ling-Ling

Subject: Re: FGJ Subpoena for Manos Antonakakis

Hey Steve, Chaouki and Ling-Ling,

Hope you are doing great.

I have not been bothering you about this because I have been told by Christian (who is an absolute Rock star!) that Ling-Ling (or someone in her team) has been communicating to you what is going on with this situation.

This email is not about me explaining to you that I have done nothing wrong. I suspect that now that Christian has all the information he needs he can independently arrive at that conclusion and communicate what needs to be communicated to you.

This email is about the key question, "And now what?"

From where I stand, and for the first time in my life I felt that I am being investigated by law enforcement because of my ideas and the work I have done for the USG/DoD. For the first time since the moment I landed in Dulles international airport on October 1st of 2004, I had a serious discussion with my wife about moving back to Greece. Most importantly, however, I brought unnecessary attention from the DoJ in my working environment. This besides potentially hurting my reputation within GT (even if it is from an optics point of view) it also personally disappoints me greatly, because as a GT PhD student (2006-2012) and now as a faculty (2014-now) I always had as a goal to bring good news, recognition and success to GT --- and certainly not the attention of a special council.

If I make an attempt to come in your shoes, it would be absolutely reasonable for all of you to have questions about the risk that my research (and perhaps even myself) could bring to the Institute in the future. Therefore, when the dust settles I would like to have a discussion with all of you about the following two key open questions:

- 1. First and foremost, how do you feel about my actions now that GT legal has a plethora of my emails and after I spent countless hours explaining to everyone why I did what I did at the time I did it? If you think I did something unethical (not necessarily illegal) I will work with GT to smoothly (see running projects, students, SOW deliverables, etc.) or otherwise transition out. You have my word on this.
- 2. Big data analysis and machine learning for attack attribution is the future. After all these events with this politically driven inquisition, I need to see if there is a place where I can keep working on this research space that I invented over the last 5 years through my work in EA. What I would like to know is how GT upper management and legal feels about my line of research after all these events? Is GT a place that would welcome more innovation in this space, or this is simply not your (read is as GT's) cup of tea anymore?

Finally, I will leave you with an anecdote and a thought. During one of my interviews with the Special Counsel prosecutor, I was asked point blank by Mr. DeFilippis, "Do you believe that DARPA should be instructing you to investigate the origins of a hacker (Guccifer_2.0) that hacked a political entity (DNC)?" Let that sync for a moment, folks. Someone hacked a political party (DNC, in this case), in the middle of an election year (2016), and the lead investigator of DoJ's special council would question whether US researchers working for DARPA should conduct investigations in this matter is "acceptable"! While I was tempted to say back to him "What if this hacker hacked GOP? Would you want me to investigate him then?", I kept my cool and I told him that this is a question for DARPA's director, and not for me to answer.

Steve, Chaouki and Ling-Ling; please, try to imagine a "United States of America" where investigations and prosecutions are determined by ideas and political believes. This has been tried before in human history and the results of it was forced labor and Gulags.

Folks, I strongly believe we will need this type of research and much more innovation in this space to preserve our democracy. This is factually true for a single yet fundamental reason: data driven scientific attribution is unbiased politically. Data belongs to no political party. Our nation's adversaries will keep attacking our country --- I am certain of this because their attacks simply work and are tremendously impactful to our society.

Thank you and have a great weekend.

PS. I am writing this email on a weekend because this is my first downtime since July 2nd when I received the subpoena. Thanks, Manos

From: "Nie, Ling-Ling" < linglingnie@gatech.edu>

Date: Friday, July 2, 2021 at 7:50 PM

To: "Antonakakis, Manos" <manos@gatech.edu>, "McLaughlin, Steven W" <swm@gatech.edu>, "Abdallah, Chaouki T" <ctabdallah@gatech.edu>, "Wasch, Kate" <kate.wasch@legal.gatech.edu>, "Lunon, Darryl" <dl91@gatech.edu>

Subject: Re: FGJ Subpoena for Manos Antonakakis

Hi Manos: Thanks for forwarding. I'm copying Kate's correct email address and adding Darryl. We will confer internally

and come back to you early next week as there are some people who are out of the office for the holiday weekend that we will need to loop in.

From: Antonakakis, Manos <manos@gatech.edu>

Sent: Friday, July 2, 2021 2:39 PM

To: McLaughlin, Steven W; Abdallah, Chaouki T; kate.wesch@legal.gatech.edu; Nie, Ling-Ling

Subject: Fw: FGJ Subpoena for Manos Antonakakis

Hey Steve/Chaouki/Kate/Ling-Ling,

Hope you are doing great! Evidently I need to appear in front of a Grand Jury on July 15th. Any idea if I should talk with GT counsel before or if anyone from GT should be with me in this testimony?

This is a first for me so I am not sure what to do next.

Thanks, Manos

From: Eckenrode, John (JMD) < John. Eckenrode@usdoj.gov>

Sent: Friday, July 2, 2021 4:28 PM

To: Antonakakis, Manos

Cc: kate.wesch@legal.gatech.edu; Fuhrman, Tim (JMD)

Subject: FGJ Subpoena for Manos Antonakakis

Dear Mr. Antonakakis - This is Jack Eckenrode, an Investigator with the US Justice Department. Together with my colleague Tim Fuhrman, copied here, with whom you may have had previous contact, we are attaching a federal grand jury subpoena seeking your testimony in Washington, DC on July 15, 2021 at 1:00pm. You should feel free to contact either one of us in the event that you have any questions related to the subpoena or your appearance.

Also copied for her awareness is Kate Wasch, legal counsel from Georgia Tech.

From: Urgilez, Jennifer C. (CYD) (FBI) via anti-s<anti-s@ncfta.net>

Sent on: Tuesday, October 30, 2018 10:26:03 PM

To: anti-s@ncfta.net

CC: Urgilez, Jennifer C. (CYD) (FBI)<jcurgilez@fbi.gov>

Subject: Automatic reply: [anti-s] Réponse automatique: [Internet] Re: [anti-s] Gaming Amazon's Alexa List

TLP: AMBER

Thank you for your email. I am out-of-office through Monday, November 5th.

If this is an emergency related to cyber criminal matters, please contact MCCIU Stephanie Walker or IA Christopher Brown.

Thank you!

Information posted to anti-s is highly confidential and should not be re-posted anywhere wi

From: Hughes, Nolan E. (WF) (FBI)<nhughes@fbi.gov>

Sent on: Monday, November 5, 2018 10:00:51 PM

To: Antonakakis, Manos<manos@gatech.edu>

Subject: Automatic reply: EA-AFOSI Hack a Thon

I am out of the office until 11/8/2018 with limited access to this e-mail account. For assistance before then, please contact the Washington Field Office at (202)278-2000.

From: Aldenberg, William B. (NH) (FBI)<wballenberg@fbi.gov>

Sent on: Thursday, February 4, 2021 7:57:13 PM

To: angelos@gatech.edu

CC: Aldenberg, William (JMD)<William.Aldenberg@usdoj.gov>

Subject: DARPA

Dr. Keromytis

My name is Special Agent Bill Aldenberg with the FBI. I am currently assigned to the Special Counsels office. We would like to speak with you regarding your time at DARPA. You are possibly a witness to a matter we are investigating. Please give me a call when you have a moment. My cell # is 203-868-7487 and my desk number is 203-503-5200. The main # for my office is 203-503-5000.

Kate Wasch from your General Counsel's office was notified that we were going to reach out to you.

Thank you and we look forward to speaking with you.

Bill Aldenberg

FBI - New Haven

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Sent on: Wednesday, August 18, 2021 2:57:16 PM
To: sfmeene@nsa.gov; Kshinto@nsa.gov; christie.vera@us.af.mil; marc.c.dorrer.ctr@mail.mil;
andrew.r.wonpat.mil@mail.mil; christopher.l.boan.ctr@mail.mil; Kathleen.Bogner@ll.mit.edu; russell.stavinoha@us.af.mil;
Ramos, Julio E CIV USAF HQ AFIMSC (USA) <julio.ramos.1@us.af.mil>; noah.f.smith3.civ@mail.mil; Virginia Wright
<virginia.wright@inl.gov>; Holcombe, Kathleen E (Kathy) CIV USARMY PEO EIS (USA)
<kathleen.e.holcombe.civ@mail.mil>; edward.rhyne@hq.doe.gov; benjamin.h.klimkowski.mil@mail.mil;
david.a.hogarty.ctr@mail.mil; usarmy.belvoir.arcyber.list.twc-dco@mail.mil; karen.evans@hq.dhs.gov;
robert.cole.32@us.af.mil; Ford, Phillip J (Justin) CDR USN FLTCYBER/COMTENTHFLT (USA) <phillip.j.ford1@navy.mil>;
jamie.r.strawser.civ@mail.mil; mamcall@nsa.gov; lerae.b.scott.mil@mail.mil; clement.k.liu.civ@mail.mil; LEIBL, ANDREA M
GG-13 USAF AFMC AFLCMC/HNCJ <andrea.leibl.1@us.af.mil>; dimple.n.makadia.civ@mail.mil; -- Andy Hein
<AMHEIN@fbi.gov>; Bryon.Hartzog@jhuapl.edu; Nguyen, LeVan L CIV USARMY PEO EIS (USA)
<levan.l.nguyen.civ@mail.mil>; HANG, DUONG NH-04 USAF AFMC AFLCMC/HNCX <duong.hang.3@us.af.mil>; MYERS,
TODD G GG-15 USAF AFMC AFLCMC/HNCP <todd.myers.4@us.af.mil>; Teal, Timothy L <tlteal@cybercom.mil>;
christopher@dds.mil; john.priestly@us.af.mil; Rudy, Regina A CIV USAF AFLCMC (USA) <regina.rudy@us.af.mil>;
frank.wood.1.ctr@us.af.mil; Christopher.Butera@cisa.dhs.gov; james.a.kettner.civ@mail.mil; wefoste@nsa.gov;
christopher.b.landis.mil@mail.mil; ewiederhold@fbi.gov; raffy.pasion.ctr@pacom.mil; Jeffrey Karrels
<jeff.karrels@twosixtech.com>; Pasch, Deanna C CIV (USA) <deanna.pasch@us.af.mil>; cojones@nsa.gov;
william.mcmenamin@us.af.mil; daniel.m.trevino.mil@mail.mil; pjmyers@fbi.gov; GKLATT@fbi.gov; baring@cybercom.mil;
steven.d.rehn.civ@mail.mil; ctberry@cybercom.mil; maxwell.potasznik@us.af.mil; thpaul@nsa.gov;
angelos@voreas.io; cphalle@nsa.gov; Fischer, Keri E CW4 USARMY ARCYBER (USA) <keri.e.fischer.mil@mail.mil>;
NOVELLI, JOSE CTR USAF AFMC AFLCMC/HNC-CY < jose.novelli.ctr@us.af.mil>; maureen.oconnor@jhuapl.edu;
jason.janik.1@us.af.mil; Gibson, Kent K CIV USARMY PEO IEWS (USA) <kent.k.gibson.civ@mail.mil>;
vincent.sritapan@HQ.DHS.GOV; dorian.owens@us.af.mil; wayne.r.field2.civ@mail.mil; wdware@fbi.gov; Limas, William M
CIV USAF 96 TG (USA) <william.limas@us.af.mil>; Bew, Gregory E LTC USARMY ARCYBER (USA)
<gregory.e.bew.mil@mail.mil>; enrique.badillo@us.af.mil; maxwell.i.potasznik.civ@mail.mil; RJSMITH@fbi.gov;
daniel.brown.5@us.af.mil; STRANGE, ROBERT W JR CIV USAF AFMC AFLCMC/HNCJ <robert.strange@us.af.mil>;
jennifer.a.cowley.civ@mail.mil; stuart.l.labovitz.civ@mail.mil; Ed Cardon <
john.r.roberge6.mil@mail.mil; kyle.v.moses.mil@mail.mil; Kunkler, Michael <mpkunk2@nsa.gov>; methompson@fbi.gov;
lesly,j.denis.mil@mail.mil; mwfine@fbi.gov; fhcorral@fbi.gov; Tate, Briddgett M CIV USARMY PEO EIS (USA)
<bri>dgett.m.tate.civ@mail.mil>; jeffrey.camacho.ctr@us.af.mil; amy.e.asberry.civ@mail.mil; Lei.Huang@cisa.dhs.gov;
christine.lai@cisa.dhs.gov; arun.seelagan@cisa.dhs.gov; JOSHUA.BOLTON@cisa.dhs.gov;
CSD_TH_LEADERSHIP@cisa.dhs.gov; Brian.Gattoni@cisa.dhs.gov; damon.whitley@cisa.dhs.gov; 1011@trio.dhs.gov;
Alexis.Wales@cisa.dhs.gov; Baron, Joshua <joshua.baron@darpa.mil>; Rudacille, Bryan \"Lee\"
<bryan.rudacille@darpa.mil>; Gold, Michael <michael.gold@darpa.mil>; ian.p.crone.civ@mail.mil; Benckendorf, Alexander
(contr-diro) <alexander.benckendorf.ctr@darpa.mil>; michael.gold@dodiis.mil; Tellis, Arthur C CIV OSD OUSD POLICY
(USA) <arthur.c.tellis.civ@mail.mil>; csneil@cybercom.mil; elam@cybercom.mil; Frank R Wood <fwood@mitre.org>;
PEO EIS (USA) <kathleen.e.holcombe.civ@mail.mil>; Schray, Megan E CTR USARMY PEO EIS (USA)
<megan.e.schray.ctr@mail.mil>
CC: Kline, Allison <allison.kline@darpa.mil>; James Nuttall <james@kududyn.com>; jim.simpson
(jim.simpson@cynnovative.com) < jim.simpson@cynnovative.com>; Michael Beck < michael.beck@cynnovative.com>;
Manos Antonakakis <manos@gatech.edu>; angelos@voreas.io; david.slater@twosixtech.com; Steve Schwab
<schwab@isi.edu>; Robert Wright <wrightr@ainfosec.com>; Robert Dora <dorar@ainfosec.com>; STEFANEC, DANA R
DR-02 USAF AFMC AFRL/RIGB <dana.stefanec@us.af.mil>
Subject: EA Final Demo reminder 30-31AUG21
Attachments: EA_AUG30-31 2020 Agenda.pdf (854.59 KB)
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From: Schneck, Christopher (contr-i2o) < christopher.schneck.ctr@darpa.mil>

ALCON,

Final reminder and updates to the EA final demo in case you have been ignoring the calendar invites (sorry about the spam):

If you have not already, and are planning to attend, please register at the below site:

Registration Site: https://www.schafertmd.com/DARPA/I2O/EA/DemoDay/2021/Aug/

Registration Key: D@Rp/\E@P1D3c2O21

COVID protocols: Masks will be required to be worn at all times, except when you are presenting. Also, to attend, you must be vaccinated or have a negative test within 72hrs of the event.

Security clearances: Clearances are not required but encouraged so that we can have classified discussions with government partners. Please pass clearances to the following:

Please have your company FSO/ Security Mgr. send a Visit Request through JPAS to SMO code, 6Y8Z14. The Security POC is Jared Jaime, who can be reached at phone - 210-687-5205, email jared@kududyn.com. You can also fax clearances to 571-287-7494. Technical POC can be Allison Kline, Allison.kline@darpa.mil, 571-218-4476

Thank you and I look forward to seeing you all on 30AUG21. Let me know if you have any questions or concerns.

V/r,

Chris Schneck DARPA I2O SETA 571-218-4429 (office) 571-524-3821 (cell) 918-6691

```
From: Schneck, Christopher (contr-i2o) < christopher.schneck.ctr@darpa.mil>
Sent on: Friday, June 19, 2020 3:36:38 PM
To: jordan.t.laughlin.mil@mail.mil; mhalper@mitre.org; cjetzel@mitre.org; shroeder@mitre.org;
gregory.mcgee.2@us.af.mil; eduardo.oyola.3@us.af.mil; dorian.owens@us.af.mil; joseph.coyne.1@us.af.mil;
jerod.ohman@us.af.mil; robert.cumbo@us.af.mil; john.sledz.1@us.af.mil; marquita.l.harris.civ@mail.mil;
CHRISTINA.L.BOUVIER.MIL@MAIL.MIL; nicole.l.meruvia.mil@mail.mil; willie.a.thomas.mil@mail.mil;
samuel.h.woo.mil@mail.mil; brian.k.severson4.mil@mail.mil; aaditya.bhatia.mil@mail.mil; steven.j.freeman.mil@mail.mil;
maxwell.i.potasznik.civ@mail.mil; matthew.wellner@feddata.com; Schneck, Christopher (contr-i2o)
<christopher.schneck.ctr@darpa.mil>; Crone, lan <ian.crone@darpa.mil>; kevin@dds.mil; drew@friends.dds.mil;
bardenstein@dds.mil; patrick.dufour@dds.mil; christopher@dds.mil; William Glodek <william.j.glodek.ctr@mail.mil>;
wdware@fbi.gov; nclangmack@fbi.gov; jringold@fbi.gov; MBMALDONADO@FBI.GOV; KKBAKER2@fbi.gov;
GROSKO@FBI.GOV; Sean.Newell@usdoj.gov; dapartney@fbi.gov; methompson@fbi.gov; kmwolf2@fbi.gov;
psackerman@fbi.gov; cheim@fbi.gov; pjmyers@fbi.gov; raffy.pasion.ctr@pacom.mil; clement.k.liu.civ@mail.mil;
kyle.schaffhauser@navy.mil; Chun.P.Li@navy.mil; zachary.gordon1@navy.mil; mark.f.turner1@navy.mil;
gage.hunt@navy.mil; anthony.j.lee4@navy.mil; michael.j.mendoza@navy.mil; jefferson.donnahoe@navy.mil;
bryan.sanger@navy.mil; eamonn.foley@navy.mil; thomas.mitchell2@navy.mil; rachel.a.doucet@navy.mil;
william.h.bunten@navy.mil; steven.e.antell@navy.mil; peter.j.souba@navy.mil; ronald.justice@navy.mil;
adam.richmond@navy.mil; michael.zalud@navy.mil; rocky.phaphol@navy.mil; dominic.j.evert@navy.mil;
robert.bair@navy.mil;
                                     ; maureen.calderon@pacom.mil; jason.niver@cyber.nsa.gov;
david.lyle@cyber.nsa.gov; david.f@cyber.nsa.gov; matt.seligman@cyber.nsa.gov; Howe, Trampas
<trampas.howe@sco.mil>; Warden, Sloane (contr-sco) <sloane.warden.ctr@sco.mil>; Ryan.Mahon@ll.mit.edu;
Nicholas.Gillum@ll.mit.edu; Matthew.Carey@ll.mit.edu; Andrew.Davis@ll.mit.edu; jadav24@nsa.gov;
scott.f.meenen.mil@mail.mil; dbjohn5@cybercom.mil; jsturgeon@cypher-llc.com; vparker@cypher-llc.com;
sung.s.hong@saic.com; christopher.o.jones8.mil@mail.mil;
                  ; ARMY@TAZZVON.COM;
                                                                                              ; pfowler@x8llc.com;
anna.rubinstein@qs-2.com;
                                                                           raffy.pasion@onevaliant.com;
                        ; ry26836@mit.edu; nicholas.a.gillum.ctr@mail.mil; mcarey@mit.edu; an24021@mit.edu;
jdavis28@alumni.nd.edu;
                                              ; mohr.110@osu.edu;
                            ; heidi.h.ro.ctr@mail.mil;
                    ; skercr0w@live.com; Rubinstein, Anna (contr-i2o) <anna.rubinstein.ctr@darpa.mil>; James Nuttall
<james@kududyn.com>; schwab@isi.edu; joelt@kududyn.com; scott.tenaglia@twosixlabs.com; Robert Wright
<wrightr@ainfosec.com>; Manos Antonakakis <manos@voreas.io>; manos@gatech.edu; Angelos Keromytis
<angelos@voreas.io>; John Bushman <john.bushman@twosixlabs.com>; kyle.kubis@twosixlabs.com;
jeff.karrels@twosixlabs.com; michael.beck@cynnovative.com; jim.simpson (jim.simpson@cynnovative.com)
<jim.simpson@cynnovative.com>; alberto.reynoso@twosixlabs.com
Subject: EA Hackathon Kickoff
```

Please log into the Enhanced Attribution Microsoft Teams page:

Attachments: meeting.ics (20.82 KB), June 2020 EA Hackathon Agenda.pdf (583.18 KB)

https://teams.microsoft.com/l/team/19%3a0cee164279254830a90bd2fe856b8441%40thread.skype/conversations?groupId=if178-4692-8da9-4cb612f92617&tenantId=21acfbb3-32be-4715-9025-1e2f015cbbe9

From: Schneck, Christopher (contr-i2o) < christopher.schneck.ctr@darpa.mil> Sent on: Tuesday, October 30, 2018 2:16:38 AM To: danielle.gambino@us.af.mil; John Marx <john.marx.2@us.af.mil>; paul.t.stanton2.mil@mail.mil; james.ittenbach@dc3.mil; tshea@iqt.org; Michael.Holbrook2@ic.fbi.gov; saborba@nsa.gov; wbmarti@tycho.ncsc.mil; jadykst@nsa.gov; ; jalockw@nsa.gov; rejoyce@nsa.gov; Zhao, Lei <lzhao@nsa.gov>; linda.ragan@us.af.mil; nicholas.e.normandin.mil@mail.mil; ross.j.schuchard.mil@mail.mil; stephynie.velez@us.af.mil; BRIAN.BRITTINGHAM@NCIS.NAVY.MIL; marvin.worst@us.af.mil; cojones@cybercom.mil; Holly.Phelps@treasury.gov; josue.bellinger@ncis.navy.mil; alaiah.thompkins@ncis.navy.mil; stephen.reynolds2@usdoj.gov; Tyson.B.Meadors@nsc.eop.gov; edward.rhyne@hq.dhs.gov; daniel.m.trevino.mil@mail.mil; thaothanh.t.tran.civ@mail.mil; ryan.d.wilson38.civ@mail.mil; nixon.p.childs.civ@mail.mil; talarse@nsa.gov; Michael.Klipstein@usma.edu; sjhager@cybercom.mil; mtburke@nsa.gov; steven.r.beltz.mil@mail.mil; cory.wilson@usss.dhs.gov; lawrence.r.nunn.mil@mail.mil; daniel.j.whalen14.mil@mail.mil; Dade, Scott R <srdade@cybercom.mil>; Kathleen.Bogner@ll.mit.edu; wdware@fbi.gov; charles.w.thomas.ctr@mail.mil; jjkozma@nsa.gov; jason.stambaugh@us.af.mil; tyson.gee@us.af.mil; randyll.e.newman@NCIS.NAVY.MIL; mark.a.mollenkopf.mil@mail.mil; mjohara@nsa.gov; Zhao, Lei <lzhao@nsa.gov>; JOSUE.BELLINGER@NCIS.NAVY.MIL; Matt.Carothers@cox.com; dana.stefanec@us.af.mil; dana.stefanec@us.af.mil; malevan@nsa.ic.gov; rtberryman@fbi.gov; vtsulli@cybercom.mil; ryan.schilcher@us.af.mil; brett.d.wallace@jpmchase.com; bkealiher@fbi.gov; cmbrouillette@fbi.gov; chunt@fbi.gov; aenewto@radium.ncsc.mil; jdporco@cybercom.mil; jonathan.sivert@us.af.mil; nhughes@fbi.gov; wbmarti@tycho.ncsc.mil; thomas.osgood.2@us.af.mil; dtmerr2@cybercom.mil; Edward.Rhyne@HQ.DHS.GOV; kyle.mccracken@us.af.mil; dorian.owens@us.af.mil; swruss@fbi.gov; Patrick.M.Duggan@nsc.eop.gov; thaothanh.t.tran.civ@mail.mil; brandon.guest@diux.mil; wesley.belleman.2@us.af.mi; antonia.l.feffer.mil@mail.mil; chase.collins@us.af.mil; rock.a.stevens.mil@mail.mil; acherrington@fsarcenter.org; jay.cryderman.2@us.af.mil; shannon.mcfail@associates.hq.dhs.gov; michael@packetforensics.com; gginman@cybercom.mil; jonathan.proulx.2@us.af.mil; jason.h.seales.mil@mail.mil; grmacfarlane@fbi.gov; easween@nsa.ic.gov; bflower@cybercom.mil; stminso@cybercom.mil; pamatus@cybercom.mil; rdlarki@cybercom.mil; dhruch@cybercom.mil; Adam.Hickey2@usdoj.gov; Alex.Iftimie@usdoj.gov; Josh.Goldfoot2@usdoj.gov; Luke.Dembosky@usdoj.gov; Sean.Newell@usdoj.gov; stephen.m.gates.civ@mail.mil; Gregory_E_Shannon@ostp.eop.gov; geer@iqt.org; gshipley@iqt.org; jwilder@iqt.org; rgaylord@iqt.org; Robert.Renko@ic.fbi.gov; ahwang@nsa.gov; lpevans@nsa.gov; keith.m.riser.civ@mail.mil; acherrington@fsarcenter.org; william.j.thompkins.civ@mail.mil; schwab@isi.edu; scott.tenaglia@twosixlabs.com; jim.simpson@cynnovative.com; tejas@kududyn.com; james@kududyn.com; mikef@kududyn.com; wrightr@ainfosec.com; manos@gatech.edu CC: Keromytis, Angelos <angelos.keromytis@darpa.mil>; Maddern, Thomas (contr-i2o) <Thomas.Maddern.ctr@darpa.mil>; Kline, Allison (contr-i2o) <allison.kline.ctr@darpa.mil> Signed by: SCHNECK.CHRISTOPHER.JOHN.1397907658 on Tuesday, October 30, 2018 2:16:35 AM

Subject: EA PI meeting: November 28th

Attachments: Nameless.txt (531 Bytes), EA Agenda_20181128_Final.pdf (12.83 KB)

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>

Sent on: Friday, September 1, 2017 4:42:58 PM

To: Heather.Alpino@usdoj.gov; Manos Antonakakis <manos@gatech.edu>; mikef@kududyn.com

CC: Patel, Tejas (contr-i2o) <tejas.patel.ctr@darpa.mil>

Signed by: KEROMYTIS.ANGELOS.D.1501999799 on Friday, September 1, 2017 4:42:57 PM

Subject: Emails

Attachments: Nameless.txt (127 Bytes)

From: Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>

Sent on: Friday, November 30, 2018 1:36:39 PM

To: Kealiher, Brandon (WF) (FBI)
bkealiher@fbi.gov>; Hughes, Nolan E. (WF) (FBI) <nhughes@fbi.gov>; chunt@fbi.gov;

wdware@fbi.gov; pjmyers@fbi.gov

CC: manos@gatech.edu

Signed by: SCHNECK.CHRISTOPHER.JOHN.1397907658 on Friday, November 30, 2018 1:36:33 PM

Subject: FBI use cases

Attachments: Nameless.txt (644 Bytes)

From: Eckenrode, John (JMD)<John.Eckenrode@usdoj.gov>

Sent on: Friday, July 2, 2021 9:28:47 PM

To: manos@gatech.edu

CC: kate.wesch@legal.gatech.edu; Fuhrman, Tim (JMD)<Tim.Fuhrman@usdoj.gov>

Subject: FGJ Subpoena for Manos Antonakakis

Attachments: Manos-Antonakakis-Testimony.pdf (147.14 KB)

Dear Mr. Antonakakis - This is Jack Eckenrode, an Investigator with the US Justice Department. Together with my colleague Tim Fuhrman, copied here, with whom you may have had previous contact, we are attaching a federal grand jury subpoena seeking your testimony in Washington, DC on July 15, 2021 at 1:00pm. You should feel free to contact either one of us in the event that you have any questions related to the subpoena or your appearance.

Also copied for her awareness is Kate Wasch, legal counsel from Georgia Tech.

From: Roddy, Sandi A.<Sandi.Roddy@jhuapl.edu>
Sent on: Monday, November 4, 2019 3:53:14 PM

To: Keromytis, Angelos D<angelos@gatech.edu>; Dinsmore, Peter

T.<Pete.Dinsmore@jhuapl.edu>

Dear all,

Subject: FW: ARLIS workshop - venue change and draft program **Attachments:** Workshop_Nov2019_draftprogram_103019.pdf (818.9 KB)

I just noticed the panel description was based on my earlier submission – does that need to change/be updated? Also the session is at SCI and I thought Michael did not have an SCI... Not my problem, but just a consideration.

From: Michelle Morrison <mmorriso@umd.edu> Sent: Thursday, October 31, 2019 12:48 PM **To:** Katherine.e.arrington.civ@mail.mil; pb3a@virginia.edu; malcolm.carrie@baesystems.com; tcc@mitre.org; joycec@dni.gov; Dinsmore, Peter T. < Pete.Dinsmore@jhuapl.edu>; Jeffrey Dodson <Jeffrey.dodson@baesystems.com>; wrevanina@fbi.gov; ian.florey.fm@mail.mil; Randall.M.Fort@raytheon.com; Gade, William R CIV DIA (US) < William.Gade@dodiis.mil>; lisa@lharringtongroup.com; helmut.h.hawkins.civ@mail.mil; Hedberg, Thomas D. (Fed) <thomas.hedberg@nist.gov>; moneer.helu@nist.gov; Robert <robert.ivester@ee.doe.gov>; edward.jakes@nnsa.doe.gov; gordon.b.johnson@lmco.com; angelos@gatech.edu; louis.kratz@lmco.com; jalewis@csis.org; kirk.m.liddle.mil@mail.mil; William Lucyshyn <lucyshyn@umd.edu>; rjmcclellan@micron.com; jessica.mcfate@tecsonomy.com; Michael McGrath <mfm@mcgrath-</p> analytics-llc.com>; Paul Michaels Chris Nissen <can@mitre.org>; personst@gao.gov; Wayne G Phoel <wphoel@umd.edu>; aporter@cs.umd.edu; dawn.pulliam@lmco.com; Kurt.r.ravenfeld@lmco.com; William C Regli <regli@umd.edu>; Harvey Rishikof <rishikofh@me.com>; Roddy, Sandi A. <Sandi.Roddy@jhuapl.edu>; Robert.Rohrer@dni.gov; Rush, Scott <scott.rush@lmco.com>; Peter Sandborn <sandborn@umd.edu>; scott.m.sperling@Imco.com; timothy.sprock@nist.gov; william.d.stephens24.civ@mail.mil; Switzer, Bryan R (Rick) <switzerbr@state.gov>; Theriault, Jason C CIV DCSA DCSA ISIA (USA) <jason.c.theriault.civ@mail.mil>; douglas.d.thomas@Imco.com; mthomas4@fbi.gov; Maryjo CIV (USA) <maryjo.thomas.civ@mail.mil>; Virginia L. Wright <Virginia.Wright@inl.gov>; may106@arl.psu.edu; kim.skiles@lmco.com; jphelan@raytheon.com; JEANNPC@dni.gov Cc: Sara McConnell smcconnell@arlis.umd.edu; Craig Travers Lawrence <clawren4@umd.edu> Subject: ARLIS workshop - venue change and draft program

I hope this email finds you well. We are looking forward to seeing you in a couple of weeks. Please find attached a draft program for the workshop and a list of workshop participants—it's shaping up to be an exciting event!

Importantly, please note that the venue for Day 1 of the workshop has changed. Interest in the event exceeded our expectations (and our reserved space on campus); therefore, the entire event will now take place at the University of Maryland Applied Research Lab for Intelligence and Security (7005 52nd Ave, College Park, MD 20742). There will not be any sessions on the main campus in the Kim Engineering Building. Please be sure to update your calendars accordingly.

There is ample <u>free parking</u> at ARLIS. For those of you who are staying at The Hotel, we will work with The Hotel to provide a shuttle to ARLIS each morning. For those of you who will be using the Metro, ARLIS is a convenient 5-minute walk from the College Park station on the Green line.

If you are planning to attend the classified session and have not yet had your clearance passed, please do so as soon as possible. The best way to do this is to have a visit request sent through JPAS. If your VR is sent by fax, please note that it must come from your government sponsor. More information from our security office is included below.

Cleared US folks can have their security office send clearance info in JPAS to either our SCI level SMO code (0UB922 – leading digit is a zero) or if collateral to SMO code 0UB924. If they don't have JPAS their security office can fax a visit authorization request (VAR) to our Security fax (if at SCI level it needs to come from their government sponsor security office) at 301-226-8811

You can use my name (Michelle Morrison) as the visit POC. My office number is 301-226-8846, and our address is University of Maryland ARLIS, 7005 52nd Ave, College Park, MD 20742

We are looking forward to seeing you in just a few weeks. If you have any questions, please email them to me and Sara
McConnell (smcconnell@arlis.umd.edu) and we will be sure they make it to the right person.
Post
Best,

--

Michelle

Michelle Morrison, PhD Associate Research Scientist, Maryland Language Science Center Affiliate, Applied Research Lab for Intelligence and Security University of Maryland mmorrison@arlis.umd.edu From: Antonakakis, Manos<manos@gatech.edu>
Sent on: Monday, August 30, 2021 8:48:24 PM

To: Fuller, Christianchristian.fuller@legal.gatech.edu

Subject: FW: Dr. Antonakakis

Just FYI- Christian. This should help you get up to speed until Ana and Mark talk to you.

Thanks, Manos

From: Schamel, Mark < MSchamel@lowenstein.com>

Date: Friday, August 27, 2021 at 7:52 PM

To: Antonakakis, Manos <manos@gatech.edu>, Jara, Ana <AJara@lowenstein.com>

Subject: Fwd: Dr. Antonakakis

Manos

Can you do 9 am?

Mark E. Schamel

Partner Lowenstein Sandler LLP

T:202.753.3805 **M:**202.841.3401 **F:**973.597.2400





Begin forwarded message:

From: "DeFilippis, Andrew (USANYS)" < Andrew.DeFilippis@usdoj.gov>

Date: August 27, 2021 at 7:36:01 PM EDT

To: "Schamel, Mark" < MSchamel@lowenstein.com>

Cc: "Jara, Ana" <AJara@lowenstein.com>, "Keilty, Michael (USANYE)" <Michael.Keilty@usdoj.gov>, "Eckenrode, John (JMD)" <John.Eckenrode@usdoj.gov>, "Aldenberg, William B. (NH) (FBI)" <wbaldenberg@fbi.gov>, "Scarpelli, Anthony (USADC)" <Anthony.Scarpelli@usdoj.gov>, "Patel, Neeraj (USACT)" <Neeraj.Patel@usdoj.gov>, "Maddock, Adam M. (CyD) (FBI)" <ammaddock@fbi.gov>, "Beutler, Kristen M. (CG) (FBI)" <kmbeutler@fbi.gov>, "Fuhrman, Tim (JMD)"

<Tim.Fuhrman@usdoj.gov>

Subject: RE: Dr. Antonakakis

Thanks, Mark. Let's plan to speak at 9:00 AM tomorrow if that works. If you could send a dial in, we would appreciate it. Thanks again.

From: Schamel, Mark < MSchamel@lowenstein.com>

Sent: Friday, August 27, 2021 2:05 PM

To: DeFilippis, Andrew (USANYS) <ADeFilippis@usa.doj.gov>

Cc: Jara, Ana <AJara@lowenstein.com>; Keilty, Michael (USANYE) <MKeilty@usa.doj.gov>; Eckenrode, John (JMD) <John.Eckenrode@usdoj.gov>; Aldenberg, William B. (NH) (FBI) <wballenberg@fbi.gov>; Scarpelli, Anthony (USADC) <AScarpelli@usa.doj.gov>; Patel, Neeraj (USACT) <npatel2@usa.doj.gov>;

Maddock, Adam M. (CyD) (FBI) <ammaddock@fbi.gov>; Beutler, Kristen M. (CG) (FBI)

<kmbeutler@fbi.gov>; Fuhrman, Tim (JMD) <Tim.Fuhrman@usdoj.gov>

Subject: RE: Dr. Antonakakis

Andrew et al.

- 1. Manos he is happy to get on a call, listen to the reading of the 302s and give a green light. Unfortunately, he cannot do Monday or Tuesday and we understand you want it asap. Could you do Saturday? If we did Saturday from 8 or 9 am for an hour, we could get that done and you would be set. We can make other times work on Saturday and some on Sunday, so let us know if that works.
- 2. Angelos We went over the 302 with him and he was happy with its accuracy (a few small points he differed on), but really does not have much more of a memory now than he did in February. If you have documents that we can show him, we have set aside some time on Wednesday morning to further prepare him for a video chat with "all y'all" on Thursday or Friday. So please send docs when you can.

Thanks Mark

Mark E. Schamel

Partner Lowenstein Sandler LLP

T: 202.753.3805 **M:** 202.841.3401 **F:** 973.597.2400







From: DeFilippis, Andrew (USANYS) < Andrew. DeFilippis@usdoj.gov>

Sent: Wednesday, August 25, 2021 4:31 PM

To: Schamel, Mark < <u>MSchamel@lowenstein.com</u>>

Cc: Jara, Ana <<u>AJara@lowenstein.com</u>>; Keilty, Michael (USANYE) <<u>Michael.Keilty@usdoj.gov</u>>; Eckenrode, John (JMD) <<u>John.Eckenrode@usdoj.gov</u>>; Aldenberg, William B. (NH) (FBI) < <u>wbaldenberg@fbi.gov</u>>; Scarpelli, Anthony (USADC) <<u>Anthony.Scarpelli@usdoj.gov</u>>; Patel, Neeraj (USACT) <<u>Neeraj.Patel@usdoj.gov</u>>; Maddock, Adam M. (CyD) (FBI) <<u>ammaddock@fbi.gov</u>>; Beutler, Kristen M. (CG) (FBI) <<u>kmbeutler@fbi.gov</u>>; Fuhrman, Tim (JMD) <<u>Tim.Fuhrman@usdoj.gov</u>>

Subject: Re: Dr. Antonakakis

If you could that would be great. Thanks very much.

On Aug 25, 2021, at 4:24 PM, Schamel, Mark < MSchamel@lowenstein.com> wrote:

It's a date

Want to send Ana and I an invite or do you want us to do it?

Lowenstein Sandler LLP

T: 202.753.3805 **M:** 202.841.3401 **F:** 973.597.2400







From: DeFilippis, Andrew (USANYS) < Andrew. DeFilippis@usdoj.gov>

Sent: Wednesday, August 25, 2021 4:19 PM

To: Schamel, Mark < MSchamel@lowenstein.com>

Cc: Jara, Ana <<u>AJara@lowenstein.com</u>>; Keilty, Michael (USANYE) <

<u>Michael.Keilty@usdoj.gov</u>>; Eckenrode, John (JMD) <<u>John.Eckenrode@usdoj.gov</u>>;

Aldenberg, William B. (NH) (FBI) < wbaldenberg@fbi.gov >; Scarpelli, Anthony

(USADC) < Anthony.Scarpelli@usdoj.gov>; Patel, Neeraj (USACT) <

Neeraj.Patel@usdoj.gov>; Maddock, Adam M. (CyD) (FBI) <ammaddock@fbi.gov>;

Beutler, Kristen M. (CG) (FBI) < kmbeutler@fbi.gov; Fuhrman, Tim (JMD) <

Tim.Fuhrman@usdoj.gov> **Subject:** Re: Dr. Antonakakis

Ok sounds good. How about 10am?

On Aug 25, 2021, at 4:17 PM, Schamel, Mark < MSchamel@lowenstein.com> wrote:

Can we do tomorrow? I have 6 pm kid duty as my wife has a board meeting. I will be with my two little ones till I put them to bed at 8. I could do it after 830 or tomorrow. Totally your call. But if you have kids (or your team does), I suggest we all spend some time with our kids and do it tomorrow.

Mark E. Schamel

Partner Lowenstein Sandler LLP

T: 202.753.3805 **M:** 202.841.3401 **F:** 973.597.2400







From: DeFilippis, Andrew (USANYS) <

Andrew.DeFilippis@usdoj.gov>

Sent: Wednesday, August 25, 2021 3:44 PM **To:** Jara, Ana <AJara@lowenstein.com>

Cc: Schamel, Mark < MSchamel@lowenstein.com; Keilty, Michael (USANYE) < Michael.Keilty@usdoj.gov; Eckenrode, John (JMD) <

<u>John.Eckenrode@usdoj.gov</u>>; Aldenberg, William B. (NH) (FBI) < <u>wbaldenberg@fbi.gov</u>>; Scarpelli, Anthony (USADC) < <u>Anthony.Scarpelli@usdoj.gov</u>>; Patel, Neeraj (USACT) < <u>Neeraj.Patel@usdoj.gov</u>>; Maddock, Adam M. (CyD) (FBI) < <u>ammaddock@fbi.gov</u>>; Beutler, Kristen M. (CG) (FBI) < <u>kmbeutler@fbi.gov</u>>; Fuhrman, Tim (JMD) < <u>Tim.Fuhrman@usdoj.gov</u>>

Subject: Re: Dr. Antonakakis

Thanks, we are in a long meeting that may not be done by 5:30 so

let's plan for 6 or 6:30 if that would work for you?

Let us know. Thanks.

On Aug 25, 2021, at 2:15 PM, Jara, Ana < AJara@lowenstein.com> wrote:

I can do 5:30.

Ana Jara
She | Her | Hers
Counsel
Lowenstein Sandler LLP

T: 202.753.3747 **F:** 973.597.2400

From: Schamel, Mark <

MSchamel@lowenstein.com>

Sent: Wednesday, August 25, 2021 2:15 PM

To: DeFilippis, Andrew (USANYS) < Andrew.DeFilippis@usdoj.gov> Cc: Keilty, Michael (USANYE) <

Michael.Keilty@usdoj.gov>; Jara, Ana <

AJara@lowenstein.com>; Eckenrode, John (JMD)

<<u>John.Eckenrode@usdoj.gov</u>>; Aldenberg,

William B. (NH) (FBI) < wbaldenberg@fbi.gov>;

Scarpelli, Anthony (USADC) <

<u>Anthony.Scarpelli@usdoj.gov</u>>; Patel, Neeraj

(USACT) < <u>Neeraj.Patel@usdoj.gov</u>>; Maddock,

Adam M. (CyD) (FBI) < ammaddock@fbi.gov >;

Beutler, Kristen M. (CG) (FBI) <

kmbeutler@fbi.gov>; Fuhrman, Tim (JMD) <

Tim.Fuhrman@usdoj.gov>

Subject: RE: Dr. Antonakakis

Just got back to my desk. Finished my fire drill. Sorry I missed this. But I can do 5:30 if Ana can.

Mark

Mark E. Schamel Partner Lowenstein Sandler LLP

T: 202.753.3805

M: 202.841.3401 **F**: 973.597.2400







From: DeFilippis, Andrew (USANYS) < Andrew.DeFilippis@usdoj.gov>

Sent: Wednesday, August 25, 2021 7:34 AM

To: Schamel, Mark <

MSchamel@lowenstein.com>
Cc: Keilty, Michael (USANYE) <

Michael.Keilty@usdoj.gov>; Jara, Ana <

AJara@lowenstein.com>; Eckenrode, John (JMD)

<<u>John.Eckenrode@usdoj.gov</u>>; Aldenberg,

William B. (NH) (FBI) < wbaldenberg@fbi.gov >;

Scarpelli, Anthony (USADC) <

<u>Anthony.Scarpelli@usdoj.gov</u>>; Patel, Neeraj (USACT) < <u>Neeraj.Patel@usdoj.gov</u>>; Maddock,

Adam M. (CyD) (FBI) ammaddock@fbi.gov">ammaddock@fbi.gov;

Beutler, Kristen M. (CG) (FBI) <

<u>kmbeutler@fbi.gov</u>>; Fuhrman, Tim (JMD) <</p>

<u>Tim.Fuhrman@usdoj.gov></u> **Subject:** Re: Dr. Antonakakis

Mark, thanks. Could we speak briefly at 12:30 or 5:30 today?

On Aug 24, 2021, at 3:39 PM, Schamel, Mark < <u>MSchamel@lowenstein.com</u>> wrote:

Andrew

Apologies. Tried to take a day off last week to move back to DC and ran full on into a bit of a buzz saw. I will be free this evening and send you some dates and such, but we are a green light for a follow up with Dr. Antonakakis and Dr. Keromytis can do a first interview with your team and

will have reviewed the documents.
Mark

Mark E. Schamel Partner

Lowenstein Sandler LLP

T: 202.753.3805 **M**: 202.841.3401 **F**: 973.597.2400







From: DeFilippis, Andrew

(USANYS) <

Andrew.DeFilippis@usdoj.gov

>

Sent: Monday, August 23,

2021 8:03 PM

To: Schamel, Mark <

MSchamel@lowenstein.com>
Cc: Keilty, Michael (USANYE) <</pre>

Michael.Keilty@usdoj.gov>;

Jara, Ana <

AJara@lowenstein.com>;

Eckenrode, John (JMD) <

John.Eckenrode@usdoj.gov>;

Aldenberg, William B. (NH)

(FBI) < wbaldenberg@fbi.gov >;

Scarpelli, Anthony (USADC) <

Anthony.Scarpelli@usdoj.gov

>; Patel, Neeraj (USACT) <

Neeraj.Patel@usdoj.gov>;

Maddock, Adam M. (CyD) (FBI)

<ammaddock@fbi.gov>;

Beutler, Kristen M. (CG) (FBI) <

kmbeutler@fbi.gov>;

Fuhrman, Tim (JMD) <

Tim.Fuhrman@usdoj.gov>

Subject: Re: Dr. Antonakakis

Mark/Ana,

Just following up on the below. We have reached out several times and are starting to become concerned that you may be intentionally ignoring us.

Because we have not heard from you, Dr. Keromytis is out of compliance with the grand jury subpoena we issued for his testimony, and we need to speak with you regarding Dr. Antonakakis. Please respond so that we and the FBI don't have to re-serve them both in person.
Sorry if you have just been busy, but we need to move forward.
Thanks.

On Aug 17, 2021, at 8:23 AM, Schamel, Mark < MSchamel@lowenstein.com > wrote:

Hoping we

will have signed waivers from both Angelos and Manos in the next day or so. As we discussed, I had to send them both to independent counsel to waive the potential conflict and just got a missed call at 11 pm last night from one of the lawyers, so I am assuming both of them will have signed waivers by today (tomorrow latest). If you

want to set

up a time to chat about

Manos we

can do that

and we

should be

able to do

Angelos by

next week.

I am

technically

on vacation

this week,

but of

course that

is a figment

of my

imagination.

We will

confirm the

second we

have the

signed

letters in

hand. Please

feel free to

propose

times for

Manos and

Angelos,

understanding

that we have

not had any

substantive

discussions

with Angelos

yet because

he was not

our client.

We will brief

him, have

him look at

his

documents

and

generally get

him ready as

soon as the

letter is

signed.

Mark

Lowenstein Sandler LLP

T: 202.753.3805 **M:** 202.841.3401 **F:** 973.597.2400







From:

DeFilippis,

Andrew

(USANYS) <

Andrew.DeFilippis@usdoj.gov

>

Sent:

Monday,

August 16,

2021 11:01

PM

To: Schamel,

Mark <

MSchamel@lowenstein.com

>

Cc: Keilty,

Michael

(USANYE) <

Michael.Keilty@usdoj.gov

>; Jara, Ana

<

AJara@lowenstein.com

>;

Eckenrode,

John (JMD) <

John.Eckenrode@usdoj.gov

>;

Aldenberg,

William B.

(NH) (FBI) <

wbaldenberg@fbi.gov

>; Scarpelli,

Anthony

(USADC) <

Anthony.Scarpelli@usdoj.gov

>; Patel,

Neeraj

(USACT) <

Neeraj.Patel@usdoj.gov

>; Maddock,

Adam M.

(CyD)(FBI) <

ammaddock@fbi.gov

>; Beutler,

Kristen M.

(CG) (FBI) <

kmbeutler@fbi.gov

>; Fuhrman, Tim (JMD) < <u>Tim.Fuhrman@usdoj.gov</u> >

Subject: Re:

Dr.

Antonakakis

Mark,

Any update on this?

Thanks very

much.

Mark E. Schamel Partner Lowenstein Sandle

T: 202.753.3805 **M:** 202.841.3401 **F:** 973.597.2400



Mark E. Sc Partner Lowenstein

T: 202.753.3 **M:** 202.841.3 **F:** 973.597.2





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From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE

GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-

ANTONAKAKIS>

Sent on: Wednesday, August 18, 2021 3:34:29 PM

To:

Subject: FW: EA Final Demo reminder 30-31AUG21 **Attachments:** EA AUG30-31 2020 Agenda.pdf (854.59 KB)

From: Schneck, Christopher (contr-i2o) < christopher.schneck.ctr@darpa.mil>

Date: Wednesday, August 18, 2021 at 9:58 AM

To: sfmeene@nsa.gov <sfmeene@nsa.gov>, Kshinto@nsa.gov <Kshinto@nsa.gov>, christie.vera@us.af.mil <christie.vera@us.af.mil>, marc.c.dorrer.ctr@mail.mil <marc.c.dorrer.ctr@mail.mil>, andrew.r.wonpat.mil@mail.mil <andrew.r.wonpat.mil@mail.mil>, christopher.l.boan.ctr@mail.mil <christopher.l.boan.ctr@mail.mil>, Kathleen.Bogner@ll.mit.edu <Kathleen.Bogner@ll.mit.edu>, russell.stavinoha@us.af.mil <russell.stavinoha@us.af.mil>, Ramos, Julio E CIV USAF HQ AFIMSC (USA) <julio.ramos.1@us.af.mil>, noah.f.smith3.civ@mail.mil <noah.f.smith3.civ@mail.mil>, Virginia Wright <virginia.wright@inl.gov>, Holcombe, Kathleen E (Kathy) CIV USARMY PEO EIS (USA) <kathleen.e.holcombe.civ@mail.mil>, edward.rhyne@hq.doe.gov <edward.rhyne@hq.doe.gov>, benjamin.h.klimkowski.mil@mail.mil <benjamin.h.klimkowski.mil@mail.mil>, david.a.hogarty.ctr@mail.mil <david.a.hogarty.ctr@mail.mil>, usarmy.belvoir.arcyber.list.twc-dco@mail.mil <usarmy.belvoir.arcyber.list.twc-dco@mail.mil>, karen.evans@hq.dhs.gov <karen.evans@hq.dhs.gov>, robert.cole.32@us.af.mil <robert.cole.32@us.af.mil>, Ford, Phillip J (Justin) CDR USN FLTCYBER/COMTENTHFLT (USA) <phillip.j.ford1@navy.mil>, jamie.r.strawser.civ@mail.mil <jamie.r.strawser.civ@mail.mil>, mamcall@nsa.gov <mamcall@nsa.gov>, lerae.b.scott.mil@mail.mil <lerae.b.scott.mil@mail.mil>, clement.k.liu.civ@mail.mil <clement.k.liu.civ@mail.mil>, LEIBL, ANDREA M GG-13 USAF AFMC AFLCMC/HNCJ <andrea.leibl.1@us.af.mil>, dimple.n.makadia.civ@mail.mil <dimple.n.makadia.civ@mail.mil>, -- Andy Hein <AMHEIN@fbi.gov>, Bryon.Hartzog@jhuapl.edu <Bryon.Hartzog@jhuapl.edu>, Nguyen, LeVan L CIV USARMY PEO EIS (USA) <levan.l.nguyen.civ@mail.mil>, HANG, DUONG NH-04 USAF AFMC AFLCMC/HNCX <duong.hang.3@us.af.mil>, MYERS, TODD G GG-15 USAF AFMC AFLCMC/HNCP <todd.myers.4@us.af.mil>, Teal, Timothy L <tlteal@cybercom.mil>, christopher@dds.mil <christopher@dds.mil>, john.priestly@us.af.mil <john.priestly@us.af.mil>, Rudy, Regina A CIV USAF AFLCMC (USA) <regina.rudy@us.af.mil>, frank.wood.1.ctr@us.af.mil <frank.wood.1.ctr@us.af.mil>, Christopher.Butera@cisa.dhs.gov < Christopher.Butera@cisa.dhs.gov>, james.a.kettner.civ@mail.mil <james.a.kettner.civ@mail.mil>, wefoste@nsa.gov <wefoste@nsa.gov>, christopher.b.landis.mil@mail.mil <christopher.b.landis.mil@mail.mil>, ewiederhold@fbi.gov <ewiederhold@fbi.gov>, raffy.pasion.ctr@pacom.mil <raffy.pasion.ctr@pacom.mil>, Jeffrey Karrels <jeff.karrels@twosixtech.com>, Pasch, Deanna C CIV (USA) <deanna.pasch@us.af.mil>, cojones@nsa.gov <cojones@nsa.gov>, william.mcmenamin@us.af.mil <william.mcmenamin@us.af.mil>, daniel.m.trevino.mil@mail.mil <daniel.m.trevino.mil@mail.mil>, pjmyers@fbi.gov <pjmyers@fbi.gov>, GKLATT@fbi.gov < GKLATT@fbi.gov >, baring@cybercom.mil < baring@cybercom.mil >, steven.d.rehn.civ@mail.mil <steven.d.rehn.civ@mail.mil>, ctberry@cybercom.mil <ctberry@cybercom.mil>, maxwell.potasznik@us.af.mil <maxwell.potasznik@us.af.mil>, thpaul@nsa.gov <thpaul@nsa.gov>, clyde.kebodeaux.2@us.af.mil <clyde.kebodeaux.2@us.af.mil>, Larmore, Brittany S CPT USARMY ARCYBER (USA)

 <cphalle@nsa.gov>, Fischer, Keri E CW4 USARMY ARCYBER (USA) <keri.e.fischer.mil@mail.mil>, NOVELLI, JOSE CTR USAF AFMC AFLCMC/HNC-CY <jose.novelli.ctr@us.af.mil>, maureen.oconnor@jhuapl.edu <maureen.oconnor@jhuapl.edu>, jason.janik.1@us.af.mil <jason.janik.1@us.af.mil>, Gibson, Kent K CIV USARMY PEO IEWS (USA) <kent.k.gibson.civ@mail.mil>, vincent.sritapan@HQ.DHS.GOV <vincent.sritapan@HQ.DHS.GOV>, dorian.owens@us.af.mil <dorian.owens@us.af.mil>, wayne.r.field2.civ@mail.mil <wayne.r.field2.civ@mail.mil>, wdware@fbi.gov <wdware@fbi.gov>, Limas,

William M CIV USAF 96 TG (USA) < william.limas@us.af.mil>, Bew, Gregory E LTC USARMY ARCYBER (USA)

<gregory.e.bew.mil@mail.mil>, enrique.badillo@us.af.mil <enrique.badillo@us.af.mil>, maxwell.i.potasznik.civ@mail.mil <maxwell.i.potasznik.civ@mail.mil>, RJSMITH@fbi.gov <RJSMITH@fbi.gov>, daniel.brown.5@us.af.mil <daniel.brown.5@us.af.mil>, STRANGE, ROBERT W JR CIV USAF AFMC AFLCMC/HNCJ <robert.strange@us.af.mil>, jennifer.a.cowley.civ@mail.mil <jennifer.a.cowley.civ@mail.mil>, stuart.l.labovitz.civ@mail.mil <stuart.l.labovitz.civ@mail.mil>, Ed Cardon john.r.roberge6.mil@mail.mil <john.r.roberge6.mil@mail.mil>, kyle.v.moses.mil@mail.mil <kyle.v.moses.mil@mail.mil>, Kunkler, Michael <mpkunk2@nsa.gov>, methompson@fbi.gov <methompson@fbi.gov>, lesly.j.denis.mil@mail.mil <lesly.j.denis.mil@mail.mil>, mwfine@fbi.gov <mwfine@fbi.gov>, fhcorral@fbi.gov <fhcorral@fbi.gov>, Tate, Briddgett M CIV USARMY PEO EIS (USA) <briddgett.m.tate.civ@mail.mil>, jeffrey.camacho.ctr@us.af.mil <jeffrey.camacho.ctr@us.af.mil>, amy.e.asberry.civ@mail.mil <amy.e.asberry.civ@mail.mil>, Lei.Huang@cisa.dhs.gov <Lei.Huang@cisa.dhs.gov>, christine.lai@cisa.dhs.gov <christine.lai@cisa.dhs.gov>, arun.seelagan@cisa.dhs.gov <arun.seelagan@cisa.dhs.gov>, JOSHUA.BOLTON@cisa.dhs.gov <JOSHUA.BOLTON@cisa.dhs.gov>, CSD TH LEADERSHIP@cisa.dhs.gov <CSD TH LEADERSHIP@cisa.dhs.gov>, Brian.Gattoni@cisa.dhs.gov < Brian.Gattoni@cisa.dhs.gov >, damon.whitley@cisa.dhs.gov <damon.whitley@cisa.dhs.gov>, 1011@trio.dhs.gov <1011@trio.dhs.gov>, Alexis.Wales@cisa.dhs.gov <Alexis.Wales@cisa.dhs.gov>, Baron, Joshua <joshua.baron@darpa.mil>, Rudacille, Bryan "Lee" <bryan.rudacille@darpa.mil>, Gold, Michael <michael.gold@darpa.mil>, ian.p.crone.civ@mail.mil <ian.p.crone.civ@mail.mil>, Benckendorf, Alexander (contr-diro) <alexander.benckendorf.ctr@darpa.mil>, michael.gold@dodiis.mil <michael.gold@dodiis.mil>, Tellis, Arthur C CIV OSD OUSD POLICY (USA) <arthur.c.tellis.civ@mail.mil>, csneil@cybercom.mil <csneil@cybercom.mil>, elam@cybercom.mil <elam@cybercom.mil>, Frank R Wood <fwood@mitre.org>, Ocasio, Patricia L CIV USARMY PEO EIS (USA) <patricia.l.ocasio.civ@mail.mil>, Holcombe, Kathleen E (Kathy) CIV USARMY PEO EIS (USA) <kathleen.e.holcombe.civ@mail.mil>, Schray, Megan E CTR USARMY PEO EIS (USA) <megan.e.schray.ctr@mail.mil>

Cc: Kline, Allison <allison.kline@darpa.mil>, James Nuttall <james@kududyn.com>, jim.simpson (jim.simpson@cynnovative.com) <jim.simpson@cynnovative.com>, Michael Beck <michael.beck@cynnovative.com>, Antonakakis, Manos <manos@gatech.edu>, angelos@voreas.io <angelos@voreas.io>, david.slater@twosixtech.com <david.slater@twosixtech.com>, Steve Schwab <schwab@isi.edu>, Robert Wright <wrightr@ainfosec.com>, Robert Dora <dorar@ainfosec.com>, STEFANEC, DANA R DR-02 USAF AFMC AFRL/RIGB <dana.stefanec@us.af.mil>

Subject: EA Final Demo reminder 30-31AUG21

ALCON,

Final reminder and updates to the EA final demo in case you have been ignoring the calendar invites (sorry about the spam):

If you have not already, and are planning to attend, please register at the below site:

Registration Site: https://www.schafertmd.com/DARPA/I2O/EA/DemoDay/2021/Aug/

Registration Key: D@Rp/\E@P1D3c2O21

COVID protocols: Masks will be required to be worn at all times, except when you are presenting. Also, to attend, you must be vaccinated or have a negative test within 72hrs of the event.

Security clearances: Clearances are not required but encouraged so that we can have classified discussions with government partners. Please pass clearances to the following:

Please have your company FSO/ Security Mgr. send a Visit Request through JPAS to SMO code, 6Y8Z14. The Security POC is Jared Jaime, who can be reached at phone - 210-687-5205, email jared@kududyn.com. You can also fax clearances to 571-287-7494. Technical POC can be Allison Kline, Allison.kline@darpa.mil, 571-218-4476

Thank you and I look forward to seeing you all on 30AUG21. Let me know if you have any questions or concerns.

V/r,

Chris Schneck DARPA I2O SETA 571-218-4429 (office) 571-524-3821 (cell) 918-6691 From: "Antonakakis, Manos" </o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=7e6b0afc581e477db35a37c3a3a79aeb-Antonakakis>

Sent on: Tuesday, July 6, 2021 4:13:18 PM

To: Connolly, Robert <robert.connolly@police.gatech.edu>

Subject: Fw: FGJ Subpoena for Manos Antonakakis

Hey Chief, hope you are doing great. This finally ended up in a Subpoena. Still nobody knows what they want for us.

Crazy stuff.

Manos

From: Antonakakis, Manos <manos@gatech.edu>

Sent: Tuesday, July 6, 2021 11:10 AM

To: Lunon, Darryl

Cc: Nie, Ling-Ling; Wasch, Kate

Subject: Re: FGJ Subpoena for Manos Antonakakis

Thank you Darryl for the update.

We still do not know what they want me to testify about or whether or not I am the target of the investigation, correct? Also, we have no idea if this can be done over the phone/zoom, right?

Just so you know, if I have to physically be in DC, I will likely be forced to drive up. and I will not be taking any risks with the Delta variance despite the fact that we are both vaccinated.

Thanks, Manos

From: Lunon, Darryl <dl91@gatech.edu>

Sent: Tuesday, July 6, 2021 10:58 AM

To: Antonakakis, Manos Cc: Nie, Ling-Ling; Wasch, Kate

Subject: RE: FGJ Subpoena for Manos Antonakakis

Good morning Manos,

Hoping you enjoyed your holiday weekend.

I just wanted to inform you that OGC has notified the Attorney General's office that you were requested to testify at a Grand Jury. The AG and OGC are determining how best to assist you. As soon as we receive the way forward from the AG, we will contact you. We anticipate hearing back within the next 48 hours.

Darryl

From: Lunon, Darryl

Sent: Sunday, July 4, 2021 4:50 PM

To: Antonakakis, Manos <manos@gatech.edu>

Cc: Nie, Ling-Ling kate.wasch@legal.gatech.edu

Subject: RE: FGJ Subpoena for Manos Antonakakis

Good afternoon Manos,

Thank you for continuing to keep our office informed. After we discuss internally, If you are available, we will contact you

the first of next week to discuss.

If you receive any other contact, please continue to let us know. Enjoy the rest of your holiday weekend.

Darryl

Very Respectfully,

Darryl W. Lunon, II | CE '99
Deputy General Counsel &
Chief Ethics and Compliance Officer
Georgia Institute of Technology
[cid:image001.png@01D5E1AF.0C6BB790]

Notice: Most communications to or from Georgia Tech employees are a public record and available to the public and the media upon request under Georgia's broad open records law. Therefore, this e-mail communication and any response may be subject to public disclosure.

From: Nie, Ling-Ling linglingnie@gatech.edu<>

Sent: Saturday, July 3, 2021 6:57 PM

To: Lunon, Darryl <dl91@gatech.edu<mailto:dl91@gatech.edu>>; Wasch, Kate

<kate.wasch@legal.gatech.edu<mailto:kate.wasch@legal.gatech.edu>>

Subject: Fwd: FGJ Subpoena for Manos Antonakakis

From: Antonakakis, Manos <manos@gatech.edu<mailto:manos@gatech.edu>>

Sent: Saturday, July 3, 2021 12:24 PM

To: Nie, Ling-Ling; Wasch, Kate

Subject: Re: FGJ Subpoena for Manos Antonakakis

Hey Ling-Ling/Kate,

Dave informed me that his lawyer Mark Rasch would like to talk to me. Not sure what he wants to talk to me about, but I suspect it might be related with the Subpoena I just received. Should I answer his call or you are in communication with him (about Dave) and I do not need to talk to him directly?

Sorry, but I am disconnected with this case and to be honest surprised with the Subpoena request. I do not want to do something wrong that complicates the situation even further.

Thanks, Manos

From: Nie, Ling-Ling linglingnie@gatech.edu

Date: Friday, July 2, 2021 at 7:50 PM

To: Antonakakis, Manos <manos@gatech.edu<mailto:manos@gatech.edu>>, McLaughlin, Steven W

- <swm@gatech.edu<mailto:swm@gatech.edu>>, Abdallah, Chaouki T
- <ctabdallah@gatech.edu<mailto:ctabdallah@gatech.edu>>, Wasch, Kate
- <kate.wasch@legal.gatech.edu<mailto:kate.wasch@legal.gatech.edu>>, Lunon, Darryl
- <dl91@gatech.edu<mailto:dl91@gatech.edu>>

Subject: Re: FGJ Subpoena for Manos Antonakakis

Hi Manos: Thanks for forwarding. I'm copying Kate's correct email address and adding Darryl. We will confer internally and come back to you early next week as there are some people who are out of the office for the holiday weekend that we will need to loop in.

From: Antonakakis, Manos <manos@gatech.edu<mailto:manos@gatech.edu>>

Sent: Friday, July 2, 2021 2:39 PM

To: McLaughlin, Steven W; Abdallah, Chaouki T; kate.wesch@legal.gatech.edu<mailto:kate.wesch@legal.gatech.edu>; Nie,

Ling-Ling

Subject: Fw: FGJ Subpoena for Manos Antonakakis

Hey Steve/Chaouki/Kate/Ling-Ling,

Hope you are doing great! Evidently I need to appear in front of a Grand Jury on July 15th. Any idea if I should talk with GT counsel before or if anyone from GT should be with me in this testimony?

This is a first for me so I am not sure what to do next.

Thanks, Manos

From: Eckenrode, John (JMD) <John.Eckenrode@usdoj.gov<mailto:John.Eckenrode@usdoj.gov>>

Sent: Friday, July 2, 2021 4:28 PM

To: Antonakakis, Manos

Cc: kate.wesch@legal.gatech.edu<mailto:kate.wesch@legal.gatech.edu>; Fuhrman, Tim (JMD)

Subject: FGJ Subpoena for Manos Antonakakis

Dear Mr. Antonakakis - This is Jack Eckenrode, an Investigator with the US Justice Department. Together with my colleague Tim Fuhrman, copied here, with whom you may have had previous contact, we are attaching a federal grand jury subpoena seeking your testimony in Washington, DC on July 15, 2021 at 1:00pm. You should feel free to contact either one of us in the event that you have any questions related to the subpoena or your appearance.

Also copied for her awareness is Kate Wasch, legal counsel from Georgia Tech.

From: McLaughlin, Steven W<sm140@gatech.edu>

Sent on: Sunday, July 25, 2021 1:51:00 PM

To: Antonakakis, Manos<manos@gatech.edu> **Subject:** FW: FGJ Subpoena for Manos Antonakakis

Hi Manos

Can we catch up at 10am tomorrow morning? Did not get an update from them so just want to catch up.

IIIX

Steve

Steve McLaughlin

Provost and Executive Vice President for Academic Affairs

Georgia Institute of Technology

From: "Nie, Ling-Ling" < linglingnie@gatech.edu>

Date: Saturday, July 24, 2021 at 11:32 AM

To: "Antonakakis, Manos" <manos@gatech.edu>, "McLaughlin, Steven W" <swm@gatech.edu>, "Abdallah,

Chaouki T" <ctabdallah@gatech.edu>

Subject: Re: FGJ Subpoena for Manos Antonakakis

Hi Manos: Thank you for your thoughtful email.I know these last few weeks have been a whirlwind. Iwill ask my

assistant to reach out on Monday to schedule time for all of us to talk further.

Ling-Ling

From: Antonakakis, Manos <manos@gatech.edu>

Sent: Saturday, July 24, 2021 10:50 AM

To: McLaughlin, Steven W; Abdallah, Chaouki T; Nie, Ling-Ling

Subject: Re: FGJ Subpoena for Manos Antonakakis

Hey Steve, Chaouki and Ling-Ling,

Hope you are doing great.

I have not been bothering you about this because I have been told by Christian (who is an absolute Rock star!) that Ling-Ling (or someone in her team) has been communicating to you what is going on with this situation.

This email is not about me explaining to you that I have done nothing wrong. I suspect that now that Christian has all the information he needs he can independently arrive at that conclusion and communicate what needs to be communicated to you.

This email is about the key question, "And now what?"

From where I stand, and for the first time in my life I felt that I am being investigated by law enforcement because of my ideas and the work I have done for the USG/DoD. For the first time since the moment I landed in Dulles international airport on October 1st of 2004, I had a serious discussion with my wife about moving back to Greece. Most importantly, however, I brought unnecessary attention from the DoJ in my working environment. This besides potentially hurting my reputation within GT (even if it is from an optics point of view) it also personally disappoints me greatly, because as a GT PhD student (2006-2012) and now as a faculty (2014-now) I always had as a goal to bring good news, recognition and success to GT --- and certainly not the attention of a special council.

If I make an attempt to come in your shoes, it would be absolutely reasonable for all of you to have questions about the risk that my research (and perhaps even myself) could bring to the Institute in the future. Therefore, when the dust settles I would like to have a discussion with all of you about the following two key open questions:

- 1. First and foremost, how do you feel about my actions now that GT legal has a plethora of my emails and after I spent countless hours explaining to everyone why I did what I did at the time I did it? If you think I did something unethical (not necessarily illegal) I will work with GT to smoothly (see running projects, students, SOW deliverables, etc.) or otherwise transition out. You have my word on this.
- 2. Big data analysis and machine learning for attack attribution is the future. After all these events with this politically driven inquisition, I need to see if there is a place where I can keep working on this research space that I invented over the last 5 years through my work in EA. What I would like to know is how GT upper management and legal feels about my line of research after all these events? Is GT a place that would welcome more innovation in this space, or this is simply not your (read is as GT's) cup of tea anymore?

Finally, I will leave you with an anecdote and a thought. During one of my interviews with the Special Counsel prosecutor, I was asked point blank by Mr. DeFilippis, "Do you believe that DARPA should be instructing you to investigate the origins of a hacker (Guccifer_2.0) that hacked a political entity (DNC)?" Let that sync for a moment, folks. Someone hacked a political party (DNC, in this case), in the middle of an election year (2016), and the lead investigator of DoJ's special council would question whether US researchers working for DARPA should conduct investigations in this matter is "acceptable"! While I was tempted to say back to him "What if this hacker hacked GOP? Would you want me to investigate him then?", I kept my cool and I told him that this is a question for DARPA's director, and not for me to answer.

Steve, Chaouki and Ling-Ling; please, try to imagine a "United States of America" where investigations and prosecutions are determined by ideas and political believes. This has been tried before in human history and the results of it was forced labor and Gulags.

Folks, I strongly believe we will need this type of research and much more innovation in this space to preserve our democracy. This is factually true for a single yet fundamental reason: data driven scientific attribution is unbiased politically. Data belongs to no political party. Our nation's adversaries will keep attacking our country --- I am certain of this because their attacks simply work and are tremendously impactful to our society.

Thank you and have a great weekend.

PS. I am writing this email on a weekend because this is my first downtime since July 2nd when I received the subpoena. Thanks, Manos

From: "Nie, Ling-Ling" < linglingnie@gatech.edu>

Date: Friday, July 2, 2021 at 7:50 PM

To: "Antonakakis, Manos" <manos@gatech.edu>, "McLaughlin, Steven W" <swm@gatech.edu>, "Abdallah, Chaouki T" <ctabdallah@gatech.edu>, "Wasch, Kate" <kate.wasch@legal.gatech.edu>, "Lunon, Darryl" <dl91@gatech.edu>

Subject: Re: FGJ Subpoena for Manos Antonakakis

Hi Manos: Thanks for forwarding. I'm copying Kate's correct email address and adding Darryl. We will confer internally and come back to you early next week as there are some people who are out of the office for the holiday weekend that we will need to loop in.

From: Antonakakis, Manos <manos@gatech.edu>

Sent: Friday, July 2, 2021 2:39 PM

To: McLaughlin, Steven W; Abdallah, Chaouki T; kate.wesch@legal.gatech.edu; Nie, Ling-Ling

Subject: Fw: FGJ Subpoena for Manos Antonakakis

Hey Steve/Chaouki/Kate/Ling-Ling,

Hope you are doing great! Evidently I need to appear in front of a Grand Jury on July 15th. Any idea if I should talk with GT counsel before or if anyone from GT should be with me in this testimony?

This is a first for me so I am not sure what to do next.

Thanks, Manos

From: Eckenrode, John (JMD) < John. Eckenrode@usdoj.gov>

Sent: Friday, July 2, 2021 4:28 PM

To: Antonakakis, Manos

Cc: kate.wesch@legal.gatech.edu; Fuhrman, Tim (JMD)

Subject: FGJ Subpoena for Manos Antonakakis

Dear Mr. Antonakakis - This is Jack Eckenrode, an Investigator with the US Justice Department. Together with my colleague Tim Fuhrman, copied here, with whom you may have had previous contact, we are attaching a federal grand jury subpoena seeking your testimony in Washington, DC on July 15, 2021 at 1:00pm. You should feel free to contact either one of us in the event that you have any questions related to the subpoena or your appearance.

Also copied for her awareness is Kate Wasch, legal counsel from Georgia Tech.

From: Thrash, Sherryll D<sherryll.thrash@carnegie.gatech.edu>

Sent on: Monday, July 26, 2021 1:19:16 PM

To: Antonakakis, Manos<manos@gatech.edu> **Subject:** FW: FGJ Subpoena for Manos Antonakakis

Dear Manos Antonakakis:

This message is to acknowledge receipt of your email. I will be in touch soon to schedule a meeting. Kind regards,

Sherryll

.....

SHERRYLL D. THRASH Administrative Manager &

Assistant to the VP & General Counsel

Georgia Institute of Technology

Office of the General Counsel

221 Uncle Heinie Way | Lyman Hall, Suite 305

Atlanta, GA 30332-0257

☎ O: (404) 385.5673 | M: (470) 330.5127⋈: sherryll.thrash@carnegie.gatech.edu

From: Antonakakis, Manos <manos@gatech.edu>

Date: Saturday, July 24, 2021 at 10:50 AM

To: McLaughlin, Steven W < swm@gatech.edu, Abdallah, Chaouki T < ctabdallah@gatech.edu, Nie, Ling-Ling

<linglingnie@gatech.edu>

Subject: Re: FGJ Subpoena for Manos Antonakakis

Hey Steve, Chaouki and Ling-Ling,

Hope you are doing great.

I have not been bothering you about this because I have been told by Christian (who is an absolute Rock star!) that Ling-Ling (or someone in her team) has been communicating to you what is going on with this situation.

This email is not about me explaining to you that I have done nothing wrong. I suspect that now that Christian has all the information he needs he can independently arrive at that conclusion and communicate what needs to be communicated to you.

This email is about the key question, "And now what?"

From where I stand, and for the first time in my life I felt that I am being investigated by law enforcement because of my ideas and the work I have done for the USG/DoD. For the first time since the moment I landed in Dulles international airport on October 1st of 2004, I had a serious discussion with my wife about moving back to Greece. Most importantly, however, I brought unnecessary attention from the DoJ in my working environment. This besides potentially hurting my reputation within GT (even if it is from an optics point of view) it also personally disappoints me greatly, because as a GT PhD student (2006-2012) and now as a faculty (2014-now) I always had as a goal to bring good news, recognition and success to GT --- and certainly not the attention of a special council.

If I make an attempt to come in your shoes, it would be absolutely reasonable for all of you to have questions about the risk that my research (and perhaps even myself) could bring to the Institute in the future. Therefore, when the dust settles I would like to have a discussion with all of you about the following two key open questions:

- 1. First and foremost, how do you feel about my actions now that GT legal has a plethora of my emails and after I spent countless hours explaining to everyone why I did what I did at the time I did it? If you think I did something unethical (not necessarily illegal) I will work with GT to smoothly (see running projects, students, SOW deliverables, etc.) or otherwise transition out. You have my word on this.
- 2. Big data analysis and machine learning for attack attribution is the future. After all these events with this politically driven inquisition, I need to see if there is a place where I can keep working on this research space that I invented over the last 5 years through my work in EA. What I would like to know is how GT upper management and legal feels about my line of research after all these events? Is GT a place that would welcome more innovation in this space, or this is simply not your (read is as GT's) cup of tea anymore?

Finally, I will leave you with an anecdote and a thought. During one of my interviews with the Special Counsel prosecutor, I was asked point blank by Mr. DeFilippis, "Do you believe that DARPA should be instructing you to investigate the origins of a hacker (Guccifer_2.0) that hacked a political entity (DNC)?" Let that sync for a moment, folks. Someone hacked a political party (DNC, in this case), in the middle of an election year (2016), and the lead investigator of DoJ's special council would question whether US researchers working for DARPA should conduct investigations in this

matter is "acceptable"! While I was tempted to say back to him "What if this hacker hacked GOP? Would you want me to investigate him then?", I kept my cool and I told him that this is a question for DARPA's director, and not for me to answer.

Steve, Chaouki and Ling-Ling; please, try to imagine a "United States of America" where investigations and prosecutions are determined by ideas and political believes. This has been tried before in human history and the results of it was forced labor and Gulags.

Folks, I strongly believe we will need this type of research and much more innovation in this space to preserve our democracy. This is factually true for a single yet fundamental reason: data driven scientific attribution is unbiased politically. Data belongs to no political party. Our nation's adversaries will keep attacking our country --- I am certain of this because their attacks simply work and are tremendously impactful to our society.

Thank you and have a great weekend.

PS. I am writing this email on a weekend because this is my first downtime since July 2nd when I received the subpoena. Thanks, Manos

From: "Nie, Ling-Ling" < linglingnie@gatech.edu>

Date: Friday, July 2, 2021 at 7:50 PM

To: "Antonakakis, Manos" <<u>manos@gatech.edu</u>>, "McLaughlin, Steven W" <<u>swm@gatech.edu</u>>, "Abdallah, Chaouki T" <<u>ctabdallah@gatech.edu</u>>, "Wasch, Kate" <<u>kate.wasch@legal.gatech.edu</u>>, "Lunon, Darryl" < dl91@gatech.edu>

Subject: Re: FGJ Subpoena for Manos Antonakakis

Hi Manos: Thanks for forwarding. I'm copying Kate's correct email address and adding Darryl. We will confer internally and come back to you early next week as there are some people who are out of the office for the holiday weekend that we will need to loop in.

From: Antonakakis, Manos < manos@gatech.edu >

Sent: Friday, July 2, 2021 2:39 PM

To: McLaughlin, Steven W; Abdallah, Chaouki T; kate.wesch@legal.gatech.edu; Nie, Ling-Ling

Subject: Fw: FGJ Subpoena for Manos Antonakakis

Hey Steve/Chaouki/Kate/Ling-Ling,

Hope you are doing great! Evidently I need to appear in front of a Grand Jury on July 15th. Any idea if I should talk with GT counsel before or if anyone from GT should be with me in this testimony?

This is a first for me so I am not sure what to do next.

Thanks, Manos

From: Eckenrode, John (JMD) < John. Eckenrode@usdoj.gov>

Sent: Friday, July 2, 2021 4:28 PM

To: Antonakakis, Manos

Cc: kate.wesch@legal.gatech.edu; Fuhrman, Tim (JMD)

Subject: FGJ Subpoena for Manos Antonakakis

Dear Mr. Antonakakis - This is Jack Eckenrode, an Investigator with the US Justice Department. Together with my colleague Tim Fuhrman, copied here, with whom you may have had previous contact, we are attaching a federal grand jury subpoena seeking your testimony in Washington, DC on July 15, 2021 at 1:00pm. You should feel free to contact either one of us in the event that you have any questions related to the subpoena or your appearance.

Also copied for her awareness is Kate Wasch, legal counsel from Georgia Tech.

From: "Antonakakis, Manos" </o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=7e6b0afc581e477db35a37c3a3a79aeb-Antonakakis>

Sent on: Friday, July 2, 2021 10:38:54 PM

To: McLaughlin, Steven W <swm@gatech.edu>; Abdallah, Chaouki T <ctabdallah@gatech.edu>;

kate.wesch@legal.gatech.edu; Nie, Ling-Ling <linglingnie@gatech.edu>

Subject: Fw: FGJ Subpoena for Manos Antonakakis

Attachments: Manos-Antonakakis-Testimony.pdf (147.14 KB)

Hey Steve/Chaouki/Kate/Ling-Ling,

Hope you are doing great! Evidently I need to appear in front of a Grand Jury on July 15th. Any idea if I should talk with GT counsel before or if anyone from GT should be with me in this testimony?

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Thanks, Manos

From: Eckenrode, John (JMD) < John. Eckenrode@usdoj.gov>

Sent: Friday, July 2, 2021 4:28 PM

To: Antonakakis, Manos

Cc: kate.wesch@legal.gatech.edu; Fuhrman, Tim (JMD)

Subject: FGJ Subpoena for Manos Antonakakis

Dear Mr. Antonakakis - This is Jack Eckenrode, an Investigator with the US Justice Department. Together with my colleague Tim Fuhrman, copied here, with whom you may have had previous contact, we are attaching a federal grand jury subpoena seeking your testimony in Washington, DC on July 15, 2021 at 1:00pm. You should feel free to contact either one of us in the event that you have any questions related to the subpoena or your appearance.

Also copied for her awareness is Kate Wasch, legal counsel from Georgia Tech.

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>

Sent on: Thursday, January 30, 2020 2:18:33 PM

To:

Subject: Fw: Introductions

From: Antonakakis, Manos <manos@gatech.edu>

Sent: Wednesday, March 27, 2019 9:27 PM

To: Steltzer, Jeffrey D; Garton, Jilda

Cc: wdware@fbi.gov Subject: Introductions

Hey Jilda and Jeff,

Allow me to introduce you to Special Agent Davey Ware from the local FBI office. I would appreciate if you can take 30 minutes of your precious time to have a meeting with him and his colleagues. They might be able to provide some valuable heads up about some potential threats to the Institute that you should be aware of.

Many thanks,

Manos Antonakakis | manos@gatech.edu Georgia Institute of Technology FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668 From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>

Sent on: Monday, June 29, 2020 6:07:32 PM To: Wasch, Kate <kate.wasch@legal.gatech.edu>

CC: Connolly, Robert <robert.connolly@police.gatech.edu>

Subject: Fw: Possible Interview

Hey Kate,

How should me and Dave handle this request?

Thanks,

—

Manos Antonakakis, Ph.D. | manos@gatech.edu
College of Engineering Dean's Professorship Chair and Associate Professor
Co-Director Center for Cyber Operations Enquiry and Unconventional Sensing (COEUS)
School of Electrical and Computer Engineering | Georgia Institute of Technology
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Fuhrman, Timothy J. (MO) (FBI) <TJFUHRMAN@fbi.gov>

Sent: Monday, June 29, 2020 12:58 PM

To: Antonakakis, Manos

Subject: FW: Possible Interview

Professor Antonakakis- I am forwarding an email I sent this morning to David Dagon regarding the matter we discussed several months ago. As it is possible that we may need to interview as part of our work, I wanted to also bring this matter to your attention. I would ask that you kindly contact me at one of the numbers listed in the attached email so that we may discuss arranging a possible interview of you also. Thank you in advance for your cooperation. Timothy Fuhrman, Investigator, DOJ

From: Fuhrman, Timothy J. (MO) (FBI)

Sent: Monday, June 29, 2020 11:49 AM

Subject: Possible Interview

To:

Mr. Dagon- as you may recall, I contacted you several months ago on behalf of the US Department of Justice (DOJ). At that time you indicated that you did not believe either Georgia Tech or the Department of Defense (DOD) entity funding your research would authorize you to be interviewed about the matters that are of interest to us. After numerous discussions with the DOD entity and Georgia Tech's Office of General Counsel, we have been advised that neither organization objects to an interview of you as part of our work.

As I mentioned to you previously, our investigation has found that you have knowledge relevant to it. To that end, we believe that you are a witness who can provide valuable information to advance our investigation.

I would ask that you kindly contact me at 202-532-3557 (Cell); 202-6161470 (DC Office); or 251-415-3298 (Temporary office in Mobile, AL) so that we can schedule an interview with you. Thank you in advance for your cooperation. Timothy Fuhrman, Investigator, DOJ

From: "Antonakakis, Manos" </o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=7e6b0afc581e477db35a37c3a3a79aeb-Antonakakis>

Sent on: Thursday, July 8, 2021 4:07:13 PM

To: Connolly, Robert <robert.connolly@police.gatech.edu>

Subject: Fw: Response to Subpoena

Just FYI- Chief. I forwarded this to Ling-Ling and Kate.

Thanks, Manos

From: Fuhrman, Tim (JMD) < Tim.Fuhrman@usdoj.gov>

Sent: Thursday, July 8, 2021 10:54 AM

To: Antonakakis, Manos

Cc: Wasch, Kate

Subject: Response to Subpoena

Professor Antonakakis- as a follow up to the email containing a subpoena for your testimony on Thursday, July 15th to a sitting grand jury in the District of Columbia, sent to you by my colleague, Jack Eckenrode, last Friday, July 2nd and the two voicemails I left on your work phone last Friday, July 2nd and yesterday, July 7th, to which we have not received any response, I am sending this email to determine if you will accept service of the referenced subpoena. In the event we do not receive a timely response from you regarding this matter, it may be necessary to serve you personally at your residence or place of employment. You may respond to this email address or contact me on one of the telephone numbers listed below. I have also copied Kate Wasch of Georgia Tech's Legal Affairs Department regarding this matter.

Timothy J. Fuhrman Investigator Durham Special Counsel Team 202-616-1470 (Office) 202-532-3557 (Cell) 202-307-2388 (SCIF) From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>

Sent on: Thursday, July 8, 2021 3:55:33 PM

To:

Subject: Fw: Response to Subpoena

From: Fuhrman, Tim (JMD) < Tim.Fuhrman@usdoj.gov>

Sent: Thursday, July 8, 2021 10:54 AM

To: Antonakakis, Manos

Cc: Wasch, Kate

Subject: Response to Subpoena

Professor Antonakakis- as a follow up to the email containing a subpoena for your testimony on Thursday, July 15th to a sitting grand jury in the District of Columbia, sent to you by my colleague, Jack Eckenrode, last Friday, July 2nd and the two voicemails I left on your work phone last Friday, July 2nd and yesterday, July 7th, to which we have not received any response, I am sending this email to determine if you will accept service of the referenced subpoena. In the event we do not receive a timely response from you regarding this matter, it may be necessary to serve you personally at your residence or place of employment. You may respond to this email address or contact me on one of the telephone numbers listed below. I have also copied Kate Wasch of Georgia Tech's Legal Affairs Department regarding this matter.

Timothy J. Fuhrman Investigator Durham Special Counsel Team 202-616-1470 (Office) 202-532-3557 (Cell) 202-307-2388 (SCIF) From: Aldenberg, William (JMD)<William.Aldenberg@usdoj.gov>

Sent on: Thursday, February 11, 2021 1:15:20 AM **To:** Angelos Keromytis<angelos@gatech.edu>

CC: DeFilippis, Andrew (JMD)<Andrew.DeFilippis2@usdoj.gov>; Aldenberg, William B. (NH)

(FBI)<wballenberg@fbi.gov>

Subject: Fwd: Interview with Angelos Keromytis

Angelos

The meeting info is below.

Thank you

Bill

Sent from my iPhone Begin forwarded message:

From: "Arsenault, Kori (USACT)" <karsenault@usa.doj.gov>

Date: February 10, 2021 at 6:30:47 PM EST

To: "Aldenberg, William (JMD)" <waldenberg@jmd.usdoj.gov>

Subject: Interview with Angelos Keromytis

-- Do not delete or change any of the following text. --

When it's time, join your Webex meeting here.

Join

meeting < https://usao.webex.com/usao/j.php?MTID=m55b5d90407dccb738475e7b0f93cb1a7>

More ways to join:

Join from the meeting link

https://usao.webex.com/usao/j.php?MTID=m55b5d90407dccb738475e7b0f93cb1a7

Join by meeting number

Meeting number (access code): 199 859 3736

Meeting password: UqVshRcp362

Tap to join from a mobile device (attendees only)

+1-929-251-9612,,1998593736##<tel:%2B1-929-251-9612,,*01*1998593736%23%23*01*> USA Toll 2

+1-415-527-5035,,1998593736##<tel:%2B1-415-527-5035,,*01*1998593736%23%23*01*> US Toll

Join by phone

+1-929-251-9612 USA Toll 2

+1-415-527-5035 US Toll

Global call-in

numbers < https://usao.webex.com/usao/globalcallin.php? MTID = m21b20 fbab4af75f730b728900d31a653

Join from a video system or application

Dial 1998593736@usao.webex.com<sip:1998593736@usao.webex.com>

You can also dial 207.182.190.20 and enter your meeting number.

Join using Microsoft Lync or Microsoft Skype for Business

Dial 1998593736.usao@lync.webex.com<sip:1998593736.usao@lync.webex.com>

If you are a host, click

here < https://usao.webex.com/usao/j.php?MTID=mf804e11bfbb9d451c23297eca1e87ab2> to view host information.

Need help? Go to https://help.webex.com

From: Manos Antonakakis<manos@gatech.edu>

Sent on: Monday, June 29, 2020 7:57:55 PM

To: Wasch, Kate<kate.wasch@legal.gatech.edu>; Nie, Ling-Linglinglingnie@gatech.edu>

CC: Robert Connollyrobert.connolly@police.gatech.edu

Subject: Fwd: Possible Interview

Just an FYI-

I have no idea what to make of this. This is bizarre.

Begin forwarded message:

From: "Fuhrman, Timothy J. (MO) (FBI)" < TJFUHRMAN@fbi.gov >

Subject: RE: Possible Interview

Date: June 29, 2020 at 2:24:55 PM EDT

To: "Antonakakis, Manos" < <u>manos@gatech.edu</u>>

I appreciate your prompt response, Professor.

----Original Message----

From: Antonakakis, Manos < manos@gatech.edu >

Sent: Monday, June 29, 2020 12:38 PM

To: Fuhrman, Timothy J. (MO) (FBI) <TJFUHRMAN@fbi.gov>

Cc: Connolly, Robert < robert.connolly@police.gatech.edu; Wasch, Kate < kate.wasch@legal.gatech.edu; Nie, Ling-Ling linglingnie@gatech.edu>

Subject: Re: Possible Interview

Thank you for your email, Tim. At this time I am not interested in participating in this interview.

Best regards,

Manos

On Jun 29, 2020, at 12:58 PM, Fuhrman, Timothy J. (MO) (FBI) < <u>TJFUHRMAN@fbi.gov</u>> wrote:

Professor Antonakakis- I am forwarding an email I sent this morning to David Dagon regarding the matter we discussed several months ago. As it is possible that we may need to interview as part of our work, I wanted to also bring this matter to your attention. I would ask that you kindly contact me at one of the numbers listed in the attached email so that we may discuss arranging a possible interview of you also. Thank you in advance for your cooperation. Timothy Fuhrman, Investigator, DOJ

From: Fuhrman, Timothy J. (MO) (FBI) Sent: Monday, June 29, 2020 11:49 AM

To:

Subject: Possible Interview

Mr. Dagon- as you may recall, I contacted you several months ago on behalf of the US Department of Justice (DOJ). At that time you indicated that you did not believe either Georgia Tech or the Department of Defense (DOD) entity funding your research would authorize you to be interviewed about the matters that are of interest to us. After numerous discussions with the DOD entity and Georgia Tech's Office of General Counsel, we have been advised that neither organization objects to an interview of you as part of our work. As I mentioned to you previously, our investigation has found that you have knowledge relevant to it. To that end, we believe that you are a witness who can provide valuable information to advance our investigation.

I would ask that you kindly contact me at 202-532-3557 (Cell); 202-6161470 (DC Office); or 251-415-3298 (Temporary office in Mobile, AL) so that we can schedule an interview with you. Thank you in advance for your cooperation. Timothy Fuhrman, Investigator, DOJ

From: "Antonakakis, Manos" </o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=7e6b0afc581e477db35a37c3a3a79aeb-

Antonakakis>

Sent on: Thursday, August 5, 2021 2:13:54 PM

To: Keromytis, Angelos D<angelos@gatech.edu>

Subject: Fwd: Rhannusia Logs

Attachments: rhamnousia expanded formatting.txt (218.8 KB)

These are the logs that mentioned your name, Angele.

Just FYI-

Manos

From: Jara, Ana <AJara@lowenstein.com>
Sent: Monday, August 2, 2021 6:45:22 PM
To: Antonakakis, Manos <manos@gatech.edu>
Cc: Schamel, Mark <MSchamel@lowenstein.com>

Subject: FW: Rhannusia Logs

Manos,

Georgia Tech asked if you wanted to review the Rhannusia logs, and they've attached the following txt file. Let us know if you want to review them, and we will let Georgia Tech know.

Best,

Ana

----Original Message-----

From: Elizabeth Young < EYoung@LAW.GA.GOV >

Sent: Monday, August 2, 2021 9:52 AM

To: Schamel, Mark < MSchamel@lowenstein.com >; Jara, Ana < AJara@lowenstein.com >

Subject: FW: Rhannusia Logs

Mark and Ana.

Before we respond to this, I thought I'd check to see if your client has any concern about production of the Rhamnousia chat logs (attached). Please let me know asap if there is anything you think we should know before we respond.

Thanks,

Beth

Beth Young

Assistant Attorney General
Office of the Attorney General Chris Carr Government Services & Employment
(404) 458-3425
eyoung@law.ga.gov
Georgia Department of Law

40 Capitol Square SW Atlanta, Georgia 30334

----Original Message-----

From: DeFilippis, Andrew (USANYS) < Andrew. DeFilippis@usdoj.gov>

Sent: Monday, August 2, 2021 8:23 AM

To: Elizabeth Young < EYoung@LAW.GA.GOV>

Cc: Kate Wasch <kate.wasch@legal.gatech.edu>; Jody R Westby <westby@globalcyberlegal.com>; Mark D. Rasch <rasch@globalcyberlegal.com>; Eckenrode, John (JMD) <John.Eckenrode@usdoj.gov>; Scarpelli, Anthony (USADC) <Anthony.Scarpelli@usdoj.gov>; Keilty, Michael (USANYE) <Michael.Keilty@usdoj.gov>; Patel, Neeraj (USACT) <Neeraj.Patel@usdoj.gov>; Fuhrman, Tim (JMD) <Tim.Fuhrman@usdoj.gov>; Aldenberg, William B. (NH) (FBI) <wbd><wbd><wmd><wmd><wmd><wmd><wmd></wmd></wd>William B. (NH) (FBI) <wbd><wbd><wmd><wmd><wmd><wmd><wmd><wmd></wmd></wd>Subject: Re: Rhannusia Logs

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good morning Beth,

Will you be able to produce to us today the Rhannousia chats that Mr. Dagon identified? We request that you produce them in their entirety, as we believe based on representations from Mr. Dagon and his counsel that entire set of logs is pertinent to our investigation. If necessary we can provide you with a subpoena for the full set of logs. Let us know. Thanks.

```
set of logs. Let us know. Thanks.
> On Jul 30, 2021, at 10:02 AM, Elizabeth Young <EYoung@law.ga.gov> wrote:
> I reached out to Ms. Westby after our call yesterday and she confirmed that Mr. Dagon has copies of these
chat logs and will be forwarding them to us so that we can review and produce them.
> Beth Young
> Assistant Attorney General
> Office of the Attorney General Chris Carr Government Services &
> Employment
> (404) 458-3425
> eyoung@law.ga.gov
> Georgia Department of Law
> 40 Capitol Square SW
> Atlanta, Georgia 30334
>
> ----Original Message-----
> From: DeFilippis, Andrew (USANYS) < Andrew.DeFilippis@usdoj.gov>
> Sent: Friday, July 30, 2021 7:43 AM
> To: Elizabeth Young <EYoung@LAW.GA.GOV>; Kate Wasch
> <kate.wasch@legal.gatech.edu>; Jody R Westby
> <westby@globalcyberlegal.com>; Mark D. Rasch
> <rasch@globalcyberlegal.com>
```

Cc: Eckenrode, John (JMD) < John.Eckenrode@usdoj.gov>; Scarpelli,
 Anthony (USADC) < Anthony.Scarpelli@usdoj.gov>; Keilty, Michael
 (USANYE) < Michael.Keilty@usdoj.gov>; Patel, Neeraj (USACT)

> M. (CyD) (FBI) <ammaddock@fbi.gov>

> Subject: Rhannusia Logs

> <Neeraj.Patel@usdoj.gov>; Fuhrman, Tim (JMD) <Tim.Fuhrman@usdoj.gov>;> Aldenberg, William B. (NH) (FBI) <wbaldenberg@fbi.gov>; Maddock, Adam

> CAUTION: This email originated from outside of the organization. Do not click links or open attachments
unless you recognize the sender and know the content is safe.
>

> > All,

> As we have discussed with each of you, Mr. Dagon has identified "Rhamnusia" chat communications that we understand are responsive to our subpoena and relevant to our investigation. We would like to obtain these communications promptly and would also like to minimize the burdens on all involved.

> Beth, can you please confirm in response to this email that Georgia Tech authorizes and requests that Mr. Dagon provide those logs to the government as an employee of Georgia Tech? If you would like us to issue a subpoena for them specifically and will accept service, we can do so today.

- > Jody/Mark, can you please let us know when Mr. Dagon can provide the logs to us or, alternatively, to Georgia Tech for production to us?
- > We are hopeful that we can find a solution to this issue in the near term and avoid unnecessary legal process or disruptions.

> Thank you very much.

This message contains confidential information, intended only for the person(s) named above, which may also be privileged. Any use, distribution, copying or disclosure by any other person is strictly prohibited. In such case, you should delete this message and kindly notify the sender via reply e-mail. Please advise immediately if you or your employer does not consent to Internet e-mail for messages of this kind.

From: Farrell, Michael Michael. Farrell@gtri.gatech.edu>

Sent on: Friday, September 22, 2017 4:07:28 AM

To: Antonakakis, Emmanouil K<manos@gatech.edu>

Subject: Fwd: thank you - GTCSS final update

You got this email a few days ago.

As discussed, I'll save you a seat for dinner but assume you'll be there more for drink after. No worries.

Begin forwarded message:

From: "La Bouff, Tara" < tara.labouff@iisp.gatech.edu >

Date: September 18, 2017 at 15:39:17 EDT

lindsey.panetta@gtri.gatech.edu>
Subject: thank you - GTCSS final update

Dear Speakers and Panelists,

Thank you so much for your participation in the 15thAnnual Georgia Tech Cyber Security Summit on Sept. 27. Below are final details to help you prepare for this event.

Join us Tuesday, Sept. 26 for an Appreciation Dinner at 6:30 p.m.

Cooks and Soldiers, 691 14th St NW, Atlanta, GA 30318

- Basque cuisine.
- · Complimentary valet parking.
- Seating on the enclosed terrace.

Meet leadership from Georgia Tech and enjoy a relaxing dinner in Atlanta's Westside design district.

The Summit begins Wednesday, Sept. 27 at 8:30 a.m.

GTRI Conference Center, 250 Fourteenth St. NW, Atlanta, GA 30318

- Complimentary valet parking.
- Breakfast, lunch, and afternoon cocktail mixer included.
- See full conference agenda at: http://cyber.gatech.edu/2017-cyber-security-summit
- Share your experience on social media using #GTCSS17

The keynote will be delivered at 9:15 a.m.

Please check in with Tara La Bouff (404-769-5408) by 8:30 a.m. at the Registration Table.

• Stewart A. Baker, Steptoe & Johnson

The panel begins at 10:15 a.m.

Please check in with Tara La Bouff (404-769-5408) by 9:45 a.m. at the Registration Table to be fitted with a wireless microphone.

Panelists are:

- Cristin Goodwin, Microsoft Corp.
- Chad Hunt, FBI Computer Intrusion Squad, Atlanta
- Robert Knake, Council on Foreign Relations
- Hannah Kuchler, Financial Times
- Kim Zetter, investigative journalist and author

Georgia Tech research demonstrations begin at 1:30 p.m.

Please check in with Tara La Bouff (404-769-5408) by 1 p.m. at the AV Booth in the back of the auditorium to be fitted with a wireless microphone. Researchers will present in the following order:

- Manos Antonakakis
- Peter Swire
- Chaz Lever

Breakout Sessions / Birds of a Feather begin at 3:30 p.m.

Please be in your breakout room by 3:00 p.m. A podium, presentation screen, and microphone will be provided.

Lindsey Panetta (404-376-2804) is available to assist with special requests.

- David Dagon, Room A
- David Formby, Room C

Media, Photos and Video

Per your preferences, only the Keynote and Georgia Tech research demonstrations will be photographed, filmed, and streamed online to a public audience. The remainder of the conference will be shared only via live, video stream into an overflow room immediately next door to the Auditorium. Print, bureau, and radio journalists have been invited, including Bloomberg, National Public Radio, Georgia Public Broadcasting, and Atlanta Journal Constitution. If you wish to make yourself available for a media interview about the topics you'll represent at the Summit, please reply and indicate your window of opportunity and how you may be contacted.

Thank you for your time and contributions! We look forward to welcoming you soon.

--

Tara La Bouff

Marketing Communications Manager
Institute for Information Security & Privacy at the Georgia Institute of Technology (404) 769-5408 | tara.labouff@iisp.gatech.edu
266 Ferst Drive, Room KACB-3146
Atlanta, GA 30332
cyber.gatech.edu | @GaTechCyber

From: Angelos D. Keromytis<angelos@gatech.edu>
Sent on: Monday, October 21, 2019 12:42:59 AM
To: Virginia L. Wright<Virginia.Wright@inl.gov>

Subject: Fwd: Upcoming ARLIS workshop

Attachments: Workshop Nov2019 registrationform.pdf (339.95 KB), Workshop Nov2019 invitation.pdf

(278.14 KB), Workshop_Nov2019_summaryprogram.docx (20.72 KB)

In case they didn't send this to you already...

Begin forwarded message:

From: Michelle Morrison < mmorriso@umd.edu >

Subject: Upcoming ARLIS workshop Date: October 10, 2019 at 8:56:30 AM EDT

To: Katherine.e.arrington.civ@mail.mil, pb3a@virginia.edu, laura.carter@dst.defence.gov.au, joycec@dni.gov, john.costello@hq.dhs.gov, pete.dinsmore@jhuapl.edu, Jeffrey Dodson < Jeffrey.dodson@baesystems.com >, wrevanina@fbi.gov, kkfoley@ball.com, Randall.M.Fort@raytheon.com, William.Gade@dodiis.mil, lan.harrison@ukti.gsi.gov.uk, "Ivester, Robert" < robert.ivester@ee.doe.gov>, edward.jakes@nnsa.doe.gov, gordon.b.johnson@lmco.co, angelos@gatech.edu, Max.Oliver113@mod.gov.uk, gglouie@mac.com, lucyshyn@umd.edu, , mfm@mcgrath-analytics-llc.com, Paul Michaels < can@mitre.org, wphoel@umd.edu, aporter@cs.umd.edu, dawn.pulliam@lmco.com, Kurt.r.ravenfeld@lmco.com, William C Regli <regli@umd.edu>, Harvey Rishikof < rishikofh@me.com>, sandi.roddy@jhuapl.edu, Peter Sandborn < sandborn@umd.edu>, Nigel.Shaw108@mod.gov.uk, scott.m.sperling@lmco.com, william.d.stephens24.civ@mail.mil, paul.syers@ee.doe.gov, douglas.d.thomas@lmco.com, mthomas4@fbi.gov, "Maryjo CIV (USA)" < maryjo.thomas.civ@mail.mil >, m.webb@adelaide.edu.au, Virginia.Wright@inl.gov, may106@arl.psu.edu, kristen.j.baldwin.civ@mail.mi, malcolm.carrie@baesystems.com, kristopher.e.gardner2.civ@mail.mil, thomas.hedberg@nist.gov, brian.d.hughes3.civ@mail.mil, sudarsan.rachuri@ee.doe.gov, personst@gao.gov, amanda.l.williams162.ctr@mail.mil,

Cc: "Michelle E. Morrison" < mmorrison@arlis.umd.edu>, Craig Travers Lawrence < clawren4@umd.edu>, smcconnell@arlis.umd.edu

Reply-To: mmorrison@arlis.umd.edu

kelly.a.fox7.ctr@mail.mil

Dear all,

I hope this email finds you well. We are looking forward to welcoming you at the **2019 Workshop to Secure and Illuminate the Global Industrial Base** on November 12-13. Please read this email carefully, as it contains important information.

I have attached a **draft agenda** for your perusal. Please note that Day 1 will be entirely unclassified and will take place in the Kay Boardroom at the Kim Engineering Building (8228 Paint Branch Dr., College Park, MD 20742). Day 2 will take place entirely at the University of Maryland Applied Research Lab for Intelligence and Security (7005 52nd Ave; College Park, MD 20742). The first session in the morning on Day 2 will be unclassified; the remainder of the day will be classified at the TS/SCI level.

If you plan to attend the workshop and have not yet filled out the attached registration form, please do so as soon as possible. It should be emailed to me at mmorrison@arlis.umd.edu. If you are unable to attend, please let me know as soon as possible.

Hotel Reservations: We have reserved a room block at The Hotel, which is a short walk away from the Kim Engineering building. To reserve a room, please call 301-277-7777; reference "UMD ARLIS workshop" to receive the workshop rate of \$179/night. Rooms will be released for general booking on Tuesday, October 15, so please book your room as soon as possible.

Security Clearances: If you are a <u>U.S. citizen</u> and are planning to attend the classified portions of the workshop, please see the following information, provided to us by our security office, regarding clearance passing:

Cleared US folks can have their security office send clearance info in JPAS to either our SCI level SMO code (OUB922 – leading digit is a zero) or if collateral to SMO code OUB924. If they don't have JPAS their security office can fax a visit authorization request (VAR) to our Security fax (if at SCI level it needs to come from their government sponsor security office) at 301-226-8811

<u>If you are not a U.S. citizen</u> and will be participating in the classified portion of the workshop, clearance passing must be handled on a case-by-case basis. Please send me an email with your security clearance level. I will then pass that along to our security folks.

Transportation: The University of Maryland is easily accessible from the Metro (College Park station), and I will send out directions from the Metro to both workshop venues a few days before the workshop begins. If you plan to drive and will need to park your car on UMD campus on Day 1, please let me know, so that I can provide you with a parking voucher. (For Day 2, parking at UMD ARLIS is free.)

Pre-Workshop Reception: We'd like to hold a small meet-and-greet reception the evening before the workshop begins for those who are already in town. If you will be in town and available to attend, please let me know so that we can make adequate preparations.

Bios: We'd like to compile bios of everyone who attends the workshop. Please send me your bio, so that it can be included.

If you have any questions, please let us know.

Best,

Michelle

(on behalf of the workshop organizers)

--

Michelle Morrison, PhD
Associate Research Scientist
Applied Research Lab for Intelligence and Security
University of Maryland
mmorrison@arlis.umd.edu

From: Angelos D. Keromytis<angelos@gatech.edu>
Sent on: Monday, October 21, 2019 12:42:49 AM
To: Virginia L. Wright<Virginia.Wright@inl.gov>

Subject: Fwd: Upcoming ARLIS workshop

Begin forwarded message:

From: Michelle Morrison <mmorriso@umd.edu>

Subject: Upcoming ARLIS workshop Date: October 10, 2019 at 8:56:30 AM EDT

To: Katherine.e.arrington.civ@mail.mil, pb3a@virginia.edu, laura.carter@dst.defence.gov.au, joycec@dni.gov, john.costello@hq.dhs.gov, pete.dinsmore@jhuapl.edu, Jeffrey Dodson < Jeffrey.dodson@baesystems.com>,

wrevanina@fbi.gov, kkfoley@ball.com, Randall.M.Fort@raytheon.com, William.Gade@dodiis.mil, lan.harrison@ukti.gsi.gov.uk, "Ivester, Robert"

<robert.ivester@ee.doe.gov>, edward.jakes@nnsa.doe.gov, gordon.b.johnson@lmco.co,
angelos@gatech.edu, Max.Oliver113@mod.gov.uk, gglouie@mac.com, lucyshyn@umd.edu,

, mfm@mcgrath-analytics-llc.com, Paul Michaels , can@mitre.org, wphoel@umd.edu, aporter@cs.umd.edu,

dawn.pulliam@lmco.com, Kurt.r.ravenfeld@lmco.com, William C Regli <regli@umd.edu>, Harvey Rishikof <rishikofh@me.com>, sandi.roddy@jhuapl.edu, Peter Sandborn <sandborn@umd.edu>, Nigel.Shaw108@mod.gov.uk, scott.m.sperling@lmco.com, william.d.stephens24.civ@mail.mil, paul.syers@ee.doe.gov, douglas.d.thomas@lmco.com, mthomas4@fbi.gov, "Maryjo CIV (USA)" <maryjo.thomas.civ@mail.mil>, m.webb@adelaide.edu.au, Virginia.Wright@inl.gov, may106@arl.psu.edu, kristen.j.baldwin.civ@mail.mi, malcolm.carrie@baesystems.com,

kristopher.e.gardner2.civ@mail.mil, thomas.hedberg@nist.gov, brian.d.hughes3.civ@mail.mil, sudarsan.rachuri@ee.doe.gov, personst@gao.gov, amanda.l.williams162.ctr@mail.mil, kelly.a.fox7.ctr@mail.mil

Cc: "Michelle E. Morrison" <mmorrison@arlis.umd.edu>, Craig Travers Lawrence <clawren4@umd.edu>, smcconnell@arlis.umd.edu

Reply-To: mmorrison@arlis.umd.edu

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If you have any questions, please let us know.

Best,

Michelle

(on behalf of the workshop organizers)

--

--

Michelle Morrison, PhD
Associate Research Scientist
Applied Research Lab for Intelligence and Security
University of Maryland
mmorrison@arlis.umd.edu

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>

Sent on: Tuesday, October 3, 2017 3:57:03 AM

To: Patel, Tejas (contr-i2o) <tejas.patel.ctr@darpa.mil>

CC: Childs, Nixon P CIV (US <nixon.p.childs.civ@mail.mil>; Wilson, Ryan D CIV (US <ryan.d.wilson38.civ@mail.mil>; Whalen, Daniel J CW2 USARMY CYBER PRO BDE (US <daniel.j.whalen14.mil@mail.mil>; Lucy, David P CW4 USARMY

CYBER PRO BDE (US <david.p.lucy.mil@mail.mil>; talarse@nsa.gov; Keromytis, Angelos D CIV DARPA (US)

<angelos.keromytis@darpa.mil>; Farrell, Michael D <Michael.Farrell@gtri.gatech.edu>; wdware@fbi.gov

chunt@fbi.gov;

Subject: Georgia Tech Enhanced Attribution Meeting 10/04 --- Room Location

Folks, please relay this message to your teams and whoever is planning to attend. Note we still have room for 5 more people.

The meeting will take place at:

Klaus Advance Computing Building, Room 3402. Georgia Institute of Technology 266 Ferst Drive, Atlanta, GA 30332-0765

The room fits 25 people, and from the responses I have received (so far) we should be less than (or about) 20. We will have breakfast starting at 08.00am and (working) lunch will be served at 11.30am. If you plan to drive, you can park here, right besides the School of Physics Building, at the West campus visitor parking:

https://tinyurl.com/GT-coc-quest-park

Then you can simply walk to Klaus Advance Computing Building. Our meeting room 3402 will be at the third floor (two doors on the right from my office, room 3364).

Chad/Davey, I know this is a late notice, however, you are more than welcome to attend (if you wish). Michael, can explain more about this tomorrow.

If you need anything, my cell phone is . You can call me anytime.

Looking forward hosting you at Georgia Tech and the Astrolavos Lab --- safe travels!

Manos Antonakakis | manos@gatech.edu Georgia Institute of Technology FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668 From: Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>
Sent on: Tuesday, November 13, 2018 3:58:39 PM
To: ryan.schilcher@us.af.mil; ; chunt@fbi.gov; Kealiher, Brandon (WF) (FBI)

Signed by: SCHNECK.CHRISTOPHER.JOHN.1397907658 on Tuesday, November 13, 2018 3:58:35 PM

Subject: Hack-a-thon Guests

Attachments: Nameless.txt (1.38 KB)

From: Michelle Morrison<mmorriso@umd.edu>
Sent on: Friday, October 18, 2019 3:57:03 PM

To: Katherine.e.arrington.civ@mail.mil; kristen.j.baldwin.civ@mail.mil; pb3a@virginia.edu;

; malcolm.carrie@baesystems.com; joycec@dni.gov;

john.costello@hq.dhs.gov; pete.dinsmore@jhuapl.edu; Jeffrey

Dodson
Jeffrey.dodson@baesystems.com>; wrevanina@fbi.gov; kkfoley@ball.com;

Randall.M.Fort@raytheon.com; William.Gade@dodiis.mil;

kristopher.e.gardner2.civ@mail.mil; Ian.harrison@ukti.gsi.gov.uk; Hedberg, Thomas D.

(Fed)<thomas.hedberg@nist.gov>; brian.d.hughes3.civ@mail.mil; Ivester,

Robert<robert.ivester@ee.doe.gov>; edward.jakes@nnsa.doe.gov; gordon.b.johnson@lmco.co;

tara.l.jones12.civ@mail.mil; angelos@gatech.edu; louis.kratz@lmco.com;

Max.Oliver113@mod.gov.uk; william.k.lietzaw.civ@mail.mil; gglouie@mac.com; William

Lucyshynlucyshyn@umd.edu; Michael

McGrath<mfm@mcgrath-analytics-llc.com>; Paul Michaels

Chris Nissen<can@mitre.org>; personst@gao.gov; Wayne G Phoel<wphoel@umd.edu>;

aporter@cs.umd.edu; dawn.pulliam@lmco.com; sudarsan.rachuri@ee.doe.gov;

Kurt.r.ravenfeld@lmco.com; William C Regli<regli@umd.edu>; garry.p.reid.civ@mail.mil; Harvey Rishikof<rishikofh@me.com>; sandi.roddy@jhuapl.edu; Robert.Rohrer@dni.gov; Peter Sandborn</ri>SandbornSa

mthomas4@fbi.gov; Maryjo CIV (USA)<maryjo.thomas.civ@mail.mil>;

Virginia.Wright@inl.gov; may106@arl.psu.edu

Subject: Hotel reservations for upcoming ARLIS workshop

Attachments: Workshop Nov2019 registrationform.pdf (339.95 KB)

Dear all,

We are looking forward to seeing you in November at the upcoming ARLIS workshop. As a reminder, if you require a hotel room, please book your room as soon as possible. We have negotiated an extension of the booking deadline to **Monday**, **October 21**.

We have reserved a room block at <u>The Hotel</u>, in College Park. Please call 301-277-7777; reference "UMD ARLIS workshop" to receive the workshop rate of \$179/night. The Hotel has also provided us with a <u>booking</u> <u>link</u> that you can use (however, I believe the link only works if you plan to stay the nights of 11/11-12, so if your reservation dates are different than those, you will need to call).

DC area folks - you may be interested in staying the night of Tuesday, November 12, as we will be holding an evening dinner reception.

If you have not yet returned your registration form to me, please do soas soon as possible! As a reminder, please let me know if you will require a parking voucher for Day 1 and/or if you will be available to attend a small meet-and-greet pre-workshop reception the night of November 11.

Best,

Michelle

--

Michelle Morrison, PhD Associate Research Scientist Maryland Language Science Center Affiliate, UMD ARLIS University of Maryland mmorrison@arlis.umd.edu

From: Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>

Sent on: Thursday, September 5, 2019 12:29:24 PM

To: asmulligan@fbi.gov

CC: kmccarthy2@fbi.gov; jim.simpson@cynnovative.com; nathan.hall@cynnovative.com; schwab@isi.edu;

manos@gatech.edu

Signed by: SCHNECK.CHRISTOPHER.JOHN.1397907658 on Thursday, September 5, 2019 12:29:21 PM

Subject: Intro

Attachments: Nameless.txt (1 KB)

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>

Sent on: Monday, May 4, 2020 9:01:39 PM

To: Connolly, Robert <robert.connolly@police.gatech.edu>

CC: Hunt, Chad R. (AT) (FBI) <chunt@fbi.gov>; Ware, William D. II (AT) (FBI) <wdware@fbi.gov>

Subject: Introductions

Chief Connolly,

As promised this is the introduction between you and the local FBI agents I have been working with for many many years on cyber related issues. Chad/Davey, Chief Connolly is the Chief of Police at GT and he is the main POC for the DoJ inquiry I informed Davey about.

Thanks,

—

Manos Antonakakis | Associate Professor | manos@gatech.edu School of Electrical and Computer Engineering Georgia Institute of Technology FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668 From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>

Sent on: Thursday, March 28, 2019 2:27:47 AM

To: Steltzer, Jeffrey D <Jeff.Steltzer@gtrc.gatech.edu>; Garton, Jilda <jilda.garton@gtrc.gatech.edu>

CC: wdware@fbi.gov Subject: Introductions

Hey Jilda and Jeff,

Allow me to introduce you to Special Agent Davey Ware from the local FBI office. I would appreciate if you can take 30 minutes of your precious time to have a meeting with him and his colleagues. They might be able to provide some valuable heads up about some potential threats to the Institute that you should be aware of.

Many thanks,

Manos Antonakakis | manos@gatech.edu Georgia Institute of Technology FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668 From: Ware, William D. II (AT) (FBI) <wdware@fbi.gov>

Sent on: Tuesday, March 19, 2019 1:49:17 PM To: Antonakakis, Manos <manos@gatech.edu>

Subject: Lunch

Hi Manos,

Sorry I am just getting back in touch with you but got sidetracked on a couple other matters. Do you want to grab lunch on Friday, March 22? If not, what is your availability the week of March 25?

Thanks, SA Davey Ware FBI - Atlanta Division 3000 Flowers Road South Atlanta, Georgia 30341 Office: 770-216-3392 Cell: 404-520-3342 From: Jara, Ana<AJara@lowenstein.com>

Sent on: Wednesday, September 1, 2021 4:47:28 PM

To: Keilty, Michael (USANYE)<Michael.Keilty@usdoj.gov>; Eckenrode, John

(JMD)<John.Eckenrode@usdoj.gov>; Aldenberg, William B. (NH)

(FBI)<wballenberg@fbi.gov>; Scarpelli, Anthony (USADC)<Anthony.Scarpelli@usdoj.gov>;

Patel, Neeraj (USACT)<Neeraj.Patel@usdoj.gov>; Maddock, Adam M. (CyD)

(FBI)<ammaddock@fbi.gov>; Beutler, Kristen M. (CG) (FBI)<kmbeutler@fbi.gov>; Fuhrman,

Tim (JMD)<Tim.Fuhrman@usdoj.gov>; Schamel, Mark<MSchamel@lowenstein.com>;

DeFilippis, Andrew (USANYS)<Andrew.DeFilippis@usdoj.gov>

CC: Antonakakis, Manos<manos@gatech.edu>

Subject: Manos: Call with government

Attachments: meeting.ics (3.02 KB)

Toll-free (U.S. and Canada): (855) 645-3440

Participant Conference Code: 120158

This message contains confidential information, intended only for the person(s) named above, which may also be privileged. Any use, distribution, copying or disclosure by any other person is strictly prohibited. In such case, you should delete this message and kindly notify the sender via reply e-mail. Please advise immediately if you or your employer does not consent to Internet e-mail for messages of this kind.

From: Jara, Ana<AJara@lowenstein.com>
Sent on: Friday, July 30, 2021 3:09:11 PM

To: DeFilippis, Andrew (USANYS)<Andrew.DeFilippis@usdoj.gov>;

kate.wasch@legal.gatech.edu; Eckenrode, John (JMD)<John.Eckenrode@usdoj.gov>;

Aldenberg, William B. (NH) (FBI) < wbaldenberg@fbi.gov >; Keilty, Michael

(USANYE) < Michael. Keilty@usdoj.gov>; Scarpelli, Anthony

(USADC)<Anthony.Scarpelli@usdoj.gov>; Patel, Neeraj (USACT)<Neeraj.Patel@usdoj.gov>;

Maddock, Adam M. (CyD) (FBI)<ammaddock@fbi.gov>; Beutler, Kristen M. (CG)

(FBI)kmbeutler@fbi.gov; Schamel, MarkMschamel@lowenstein.com; Antonakakis,

Manos<manos@gatech.edu>

Subject: Meeting with government **Attachments:** meeting.ics (4.06 KB)

-- Do not delete or change any of the following text. --

When it's time, join your Webex meeting here.



More ways to join:

Join from the meeting link

https://ls1.webex.com/ls1/j.php?MTID=m1fa20a6e4acb3f22484966495fb8601c

Join by meeting number

Meeting number (access code): 1796 51 4485

Meeting password: mSNG6RPpt22

Tap to join from a mobile device (attendees only)

+1-408-418-9388,,1796514485##United States Toll 1-844-992-4726,,1796514485##United States Toll Free

Join by phone

+1-408-418-9388United States Toll
1-844-992-4726United States Toll Free
Global call-in numbers|Toll-free calling restrictions

Join from a video system or application

Dial 1796514485@ls1.webex.com

You can also dial 173.243.2.68 and enter your meeting number.

Join using Microsoft Lync or Microsoft Skype for Business

Dial 1796514485.ls1@lync.webex.com

If you are a host, click here to view host information.

Need help? Go to https://help.webex.com

This message contains confidential information, intended only for the person(s) named above, which may also be privileged. Any use, distribution, copying or disclosure by any other person is strictly prohibited. In such case, you should delete this message and kindly notify the sender via reply e-mail. Please advise immediately if you or your employer does not consent to Internet e-mail for messages of this kind.

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>

Sent on: Friday, May 7, 2021 9:52:00 PM To: Hunt, Chad R. (AT) (FBI) <chunt@fbi.gov>

Subject: <no subject>

_

Manos Antonakakis, Ph.D. | manos@gatech.edu
College of Engineering Dean's Professorship Chair and Associate Professor
Co-Director Center for Cyber Operations Enquiry and Unconventional Sensing (COEUS)
School of Electrical and Computer Engineering | Georgia Institute of Technology
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>

Sent on: Thursday, January 30, 2020 2:17:33 PM To: Hunt, Chad R. (AT) (FBI) <chunt@fbi.gov>

Subject: <no subject>

_

Manos Antonakakis | Associate Professor | manos@gatech.edu School of Electrical and Computer Engineering Georgia Institute of Technology FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668 From: Hunt, Chad R. (AT) (FBI)<chunt@fbi.gov>
Sent on: Thursday, January 30, 2020 9:04:26 PM

To: Ware, William D. II (AT) (FBI)<wdware@fbi.gov>; Keromytis, Angelos

D<angelos@gatech.edu>; Antonakakis, Manos<manos@gatech.edu>

Subject: New initiative out of GT

Attachments: meeting.ics (6 KB)

Thank you Angele.

Unless we have any objections lets do Thursday the 13th between 13.00 and 15.00? We will meet at my office, Klaus Advanced Computing Building Room 3364.

Thanks!

_

Manos Antonakakis | Associate Professor | manos@gatech.edu School of Electrical and Computer Engineering Georgia Institute of Technology FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Keromytis, Angelos D <angelos@gatech.edu>

Sent: Thursday, January 30, 2020 3:41 PM

To: Antonakakis, Manos

Cc: Hunt, Chad R. (AT) (FBI); Ware, William D. II (AT) (FBI); patrick@apt412.com

Subject: Re: New initiative out of GT

Monday or Wednesday between 10am-3pm, Thursday afternoon, or Friday any time are all good for me.

Cheers,
-Angelos

On Jan 30, 2020, at 9:32 PM, Antonakakis, Manos < manos@gatech.edu < mailto:manos@gatech.edu >> wrote:

Chad, I am very open that week too. The only times that will not work for me are:

- Monday 10th, between 9.00am-11.30am
- Friday 14th, between 9.00am-12.00pm

Angelos will be traveling Tuesday for sure, but I am not sure of the other days. Let's see his availability and we work around his schedule.

Thanks!

_

Manos Antonakakis | Associate Professor | manos@gatech.edu<mailto:manos@gatech.edu>

School of Electrical and Computer Engineering Georgia Institute of Technology FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Hunt, Chad R. (AT) (FBI) < chunt@fbi.gov>>

Sent: Thursday, January 30, 2020 3:13 PM

To: Antonakakis, Manos; Ware, William D. II (AT) (FBI)

Cc: patrick@apt412.com<mailto:patrick@apt412.com>; Keromytis, Angelos D

Subject: RE: New initiative out of GT

Hi Manos,

We'd be happy to meet! We have good availability the week of Feb 10. Would any time that week line-up with your

availability?
- Chad

Chad Hunt, CISSP, CISM Supervisory Special Agent

FBI Atlanta

Computer Intrusion Squad (CY1)

Desk: 770 216 3188 Mobile: 404 392 1465

chunt@fbi.gov<mailto:chunt@fbi.gov>

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further disseminated without the permission of the FBI. If you have received this e-mail in error, do not keep, use, disclose, or copy it; notify the sender immediately and delete it.

----Original Message-----

From: Antonakakis, Manos < manos@gatech.edu >

Sent: Thursday, January 30, 2020 9:35 AM

To: Ware, William D. II (AT) (FBI) <wdware@fbi.gov>; Hunt, Chad R. (AT) (FBI) <chunt@fbi.gov>

Cc: patrick@apt412.com; Keromytis, Angelos D angelos@gatech.edu>

Subject: New initiative out of GT

CLASSIFICATION: UNCLASSIFIED//FOUO

Hey Davey and Chad,

A month or so ago we have been asked from our IC friends up in DC to assist in a very important effort. Since something like that has never been done before for the Institute, we first had to clear everything internally. After getting the green light from all involved parties (internally and externally), we would like to talk to you. I promise that we will not create (too) much work for you, and whatever we give you will be for the interest of the mission.

Can you please let us know if in the next couple weeks we can get you over at GT for a two hours meeting? Sorry for being cryptic --- I promise I will not waste your time. If you want to ring me up I can give you a sense what all this is about.

Patrick, I know you are remote, so no need to attend. After our meeting Davey and Chad, they should be able to jump on a call with you a brief you on what we are working on. I suspect you will find the information we will start offering to our local FBI office very useful as well. I have a green light to share these intelligence with you too.

Thanks,

Manos Antonakakis | Associate Professor | manos@gatech.edu School of Electrical and Computer Engineering Georgia Institute of Technology FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>

Sent on: Thursday, January 30, 2020 2:35:04 PM

To: Ware, William D. II (AT) (FBI) <wdware@fbi.gov>; Hunt, Chad R. (AT) (FBI) <chunt@fbi.gov>

CC: patrick@apt412.com; Keromytis, Angelos D <angelos@gatech.edu>

Subject: New initiative out of GT

CLASSIFICATION: UNCLASSIFIED//FOUO

Hey Davey and Chad,

A month or so ago we have been asked from our IC friends up in DC to assist in a very important effort. Since something like that has never been done before for the Institute, we first had to clear everything internally. After getting the green light from all involved parties (internally and externally), we would like to talk to you. I promise that we will not create (too) much work for you, and whatever we give you will be for the interest of the mission.

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Thanks,

Manos Antonakakis | Associate Professor | manos@gatech.edu School of Electrical and Computer Engineering Georgia Institute of Technology FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668 From: Michelle Morrison<mmorriso@umd.edu>
Sent on: Friday, November 8, 2019 10:56:02 PM

To: Katherine.e.arrington.civ@mail.mil; steven.baum@verizon.com; pb3a@virginia.edu; Edward

Cardon >; malcolm.carrie@baesystems.com; chan@mit.edu; Clark, Jaimie CIV DIA (US)<Jaimie.Clark@dodiis.mil>; tcc@mitre.org; joycec@dni.gov;

pete.dinsmore@jhuapl.edu; Jeffrey Dodson<Jeffrey.dodson@baesystems.com>;

wrevanina@fbi.gov; ian.florey.fm@mail.mil; Randy FORT<Randall.M.Fort@raytheon.com>; Gade, William R CIV DIA (US)<William.Gade@dodiis.mil>; lisa@lharringtongroup.com; helmut.h.hawkins.civ@mail.mil; Hedberg, Thomas D. (Fed)<thomas.hedberg@nist.gov>; Helu,

Moneer M. (Fed)<moneer.helu@nist.gov>; Hernandez, Danielle M CIV DIA

(US)<Danielle.Hernandez@dodiis.mil>; thomas.hoare@wiltonpark.org.uk; Hughes, Brian D CIV OSD OUSD R-E (USA)

sprian.d.hughes3.civ@mail.mil>; james.a.ittenbach.civ@mail.mil;

Ivester, Robert<robert.ivester@ee.doe.gov>; edward.jakes@nnsa.doe.gov;

gordon.b.johnson@lmco.com; joel.a1.johnson@lmco.com; angelos@gatech.edu; david.kessler1@verizon.com; louis.kratz@lmco.com; sandra.j.kuypers.civ@mail.mil;

jalewis@csis.org; Liddle, Kirk M COL USARMY AWC (USA)<kirk.m.liddle.mil@mail.mil>;

William Lucyshyn"umd.edu">"; rjmcclellan@micron.com;" rjmcclellan@micron.com;

jessica.mcfate@tecsonomy.com; Michael McGrath<mfm@mcgrath-analytics-llc.com>; Paul

Michaels ; Nehmer, Mark A CIV DCSA DCSA HQ

(USA)<Mark.A.Nehmer.civ@mail.mil>; Chris Nissen<can@mitre.org>; Persons, Timothy M<personst@gao.gov>; Wayne G Phoel<wphoel@umd.edu>; aporter@cs.umd.edu; dawn.pulliam@lmco.com; Kurt.r.ravenfeld@lmco.com; William C Regli<regli@umd.edu>;

Harvey Rishikof<rishikofh@me.com>; sandi.roddy@jhuapl.edu; Robert W. Rohrer<Robert.Rohrer@dni.gov>; Rush, Scott<scott.rush@lmco.com>; Peter

Sandborn<sandborn@umd.edu>; scott.m.sperling@lmco.com; timothy.sprock@nist.gov; william.d.stephens24.civ@mail.mil; Thomas.Summers@nnsa.doe.gov; Switzer, Bryan R

(Rick)<switzerbr@state.gov>; paul.syers@ee.doe.gov; Theriault, Jason C CIV DCSA DCSA

ISIA (USA)<jason.c.theriault.civ@mail.mil>; douglas.d.thomas@lmco.com;

mthomas4@fbi.gov; Maryjo CIV (USA)<maryjo.thomas.civ@mail.mil>; mtt1@arl.psu.edu;

melinda.k.woods.civ@mail.mil; Virginia L. Wright

Virginia.Wright@inl.gov>

CC: Craig Travers Lawrence<clawren4@umd.edu>; Michelle Morrison<mmorriso@umd.edu>;

Sara McConnell<smcconnell@arlis.umd.edu>; Erin Fitzgerald-Rey<erinf@umd.edu>

Subject: Program - ARLIS workshop

Attachments: WorkshopProgram_Nov2019_Illuminating the Supply Chain.pdf (767.71 KB), ARLIS_metro

directions.JPG (124.27 KB)

Dear all,

I hope this email finds you well. We are eagerly looking forward to hosting you for next week's workshop. Please find attached the program for the workshop – it's shaping up to be an exciting event!

All daytime sessions will take place at the University of Maryland Applied Research Lab for Intelligence and Security (7005 52nd Ave., College Park, MD 20742). Please note that this is a change from our early plans and there will be no sessions on the main campus in the Kim Engineering Building. Directions are provided at the end of this email.

We will hold an **informal meet-and-greet** on **Monday, November 11 at 6pm** for those participants who are in town. There is no need to RSVP for this event. Location:

The Old Maryland Grill, The Hotel 7777 Baltimore Ave. College Park, MD 20740

If you are attending the classified session and have not yet had your **clearance passed**, please do so as soon as possible. I'll include the information again at the end of this email.

If you haven't yet sent me a **bio**, please do so. We're printing collected bios to share with all participants. (Bios will not be posted anywhere online.)

We're looking forward to seeing you in just a few days!

Best,

Michelle

Directions:

Driving: ARLIS is located at 7005 52nd Ave., College Park, MD 20742. We can be found just behind the Herbert Wells Ice Rink. GPS usually works well if you use the street address. There is ample <u>free parking</u> at ARLIS.

Hotel guests: If you are staying at The Hotel, we have made arrangements for a shuttle to ARLIS. Please meet in the lobby at 7:30am on Tuesday, November 12 and at 8:00am on Wednesday, November 13.

Metro: We are a convenient walk from the College Park Metro station (on the Green/Yellow lines). From the Metro station, exit on the east (River Rd.) side of the station. Follow the sidewalk on your right around the construction; cross River Rd. Turn right on River Rd and walk just a few mor steps. Just past the FDA building there is a walking path – this will lead you to ARLIS. It's a 5-10 minute walk, depending on how fast you walk. (See attached screenshot.)

Clearance Passing Info

If you are planning to attend the classified session and have not yet had your clearance passed, please do so as soon as possible. The best way to do this is to have a visit request sent through JPAS. If your VR is sent by fax, please note that it must come from your government sponsor. More information from our security office is included below.

Cleared US folks can have their security office send clearance info in JPAS to either our SCI level SMO code (0UB922 – leading digit is a zero) or if collateral to SMO code 0UB924. If they don't have JPAS their security office can fax a visit authorization request (VAR) to our Security fax (if at SCI level it needs to come from their government sponsor security office) at 301-226-8811

You can use my name (Michelle Morrison) as the visit POC. My office number is 301-226-8846, and our address is University of Maryland ARLIS, 7005 52nd Ave, College Park, MD 20742

--

Michelle Morrison, PhD
Associate Research Scientist
Applied Research Lab for Intelligence and Security
University of Maryland
mmorrison@arlis.umd.edu

To:	anti-s@ncfta.net
CC:	C Carrillo@ibm.com>
Subject	Re: [anti-s] Softlayer Contact
Carlos Ca	reat Intelligence Liaison 8 8107 Mobile 9 6807 Office Bibm.com
From: ' To: ant Cc: "Sr Subjec	iginal message 'Smith, Zachary G. (LS) (FBI) via anti-s" <anti-s@ncfta.net> i-s@ncfta.net mith, Zachary G. (LS) (FBI)" <zsmith@fbi.gov> t: [EXTERNAL] [anti-s] Softlayer Contact Sat, Jun 6, 2020 6:52 PM</zsmith@fbi.gov></anti-s@ncfta.net>
Hey gu	ys,
Does a	nyone have a good contact at Soft Layer for expediting some legal process?
Thanks	s in advance.
V/R,	
Zac	
Zacha	ry Smith
Federa	l Bureau of Investigation
Louisvi	lle Field Office
(502) 2	63-6000
Tonigh	t only in LS Command Post at (502) 263-4781
	mation posted to anti-s is highly confidential and should not be re-posted ere without permission of the original author.
 Informa	

From: C Carrillo via anti-s<anti-s@ncfta.net>
Sent on: Monday, June 8, 2020 5:37:38 PM

From: Leszczynski, Ryan J. (CYD) (FBI) via anti-s<anti-s@ncfta.net> Sent on: Wednesday, July 17, 2019 2:52:13 PM To: anti-s@ncfta.net CC: Leszczynski, Ryan J. (CYD) (FBI)<rjleszczynski@fbi.gov> Subject: Re: [anti-s] [anti-s] Sprint Security contact Thanks Mark...and everyone else who responded. I found a good contact. Ryan ----Ryan J. Leszczynski Supervisory Special Agent | FBI, Cyber Division Liaison, National Cyber Forensics and Training Alliance W: 412-618-3179 | C:702-303-9833 rjleszczynski@fbi.gov On Jul 17, 2019 8:56 AM, mark henderson via anti-s <anti-s@ncfta.net> wrote: On 7/16/19 4:46 PM, Leszczynski, Ryan J. (CYD) (FBI) via anti-s wrote: > ***Sprint, not "Sprinf" (fat fingered on mobile device, sorry) > R > > Ryan J. Leszczynski > Supervisory Special Agent | FBI, Cyber Division > Liaison, National Cyber Forensics and Training Alliance > W: 412-618-3179 | C:702-303-9833 > rjleszczynski@fbi.gov > Ryan, This is who we have: Kyle Shipps - Kyle.Shipps@sprint.com (Regional Security Manager) I would wait for a telco on anti-s to reply like Adam Panagia at AT&T as they will likely have a better POC. Sprint is a member of CFCA (https://www.cfca.org/membercompanies#q).

Maybe they would have a POC as well. CFCA's # is 973-871-4032.

Mark								
Mark Hen	derson							
Internal Re	evenue Service							
	aud Detection ar	nd Preventio	n					
OS:CTO:C:								
	-556-2615							
mark.w.he	enderson@irs.go	V						
Information permission	on posted to ant n of the original	ti-s is highly author.	confidentia	al and shoul	d not be re	-posted any	where witho	ut
	n posted to a						re-posted	anywhere wi

Best regards,