WELCOME TO THE I3P MONTHLY!
The Institute for Information Infrastructure Protection (I3P) is a consortium of 26 leading universities, national laboratories, and nonprofit institutions dedicated to strengthening the cyber infrastructure of the United States.

The I3P Monthly highlights the impact of I3P experts on research, policy, and practice. For more information on the I3P, see our website - thei3p.org.

CONSORTIUM NEWS

CSEC2017:
First-Ever Global Cybersecurity Curricular Guidelines!

After an extensive two-year process, a joint task force sponsored by the four largest global computing societies: Association for Computing Machinery (ACM), IEEE Computer Society (IEEE-CS), Association for Information Systems (AIS), and the International Federation for Information Processing (IFIP) has released a first-ever set of global curricular recommendations in cybersecurity education. This new set of guidelines, Cybersecurity Education Curricula (CSEC2017), is designed to be the leading resource for comprehensive cybersecurity curricular content at the post-secondary level. More than 325 advisors drawn from 35 different countries contributed to CSEC2017. The joint task force was led by Dr. Diana Burley, I3P Executive Director and Dr. Matt Bishop, I3P Representative from UC Davis.

I3P February 2018 Webinar: Blockchain: Clarifying the Hope from the Hype
Based on blockchain technology, it does two things:

1. Maintains a distributed ledger
2. Enables transactions

Mining determines transaction timing

Presented by Dr. Eliezer Kanal (Carnegie Mellon University). Dr. Kanal's talk gave an overview of blockchain technology, examining its predecessors and understanding what it actually is. Once we develop a firm understanding of why this technology is so different from alternatives, Dr. Kanal discussed use cases and general impact. 

**LISTEN HERE** for the presentation and register below for the next I3P webinar: Cybersecurity Curricula 2017: The 1st Set of Global Cybersecurity Curricular Guidelines.

### I3P MEMBER HIGHLIGHTS


Additional Highlights include:

- Presentation to the Virginia General Assembly's House of Delegates Science and Technology Committee about how to accelerate cybersecurity workforce development. Watch a [video](#) of her recorded remarks.

- Appointment to an [international judging board](#) for the "Top influencers in security and fire 2018" with notables such as Baroness Neville-Jones, chair of the British Joint Intelligence Committee. This panel of judges will coordinate the nominations and judging process for IFSEC Global.

- Seminar at the Johns Hopkins University Applied Physics Laboratory. In the seminar, entitled "Human Zero Days," Dr. Burley discussed how, in the age of 'smart' everything, the need for new approaches to understanding and addressing human vulnerabilities requires a rigorous debate on how to shift culture and change behavior.

**Sean Peisert** and researchers at Lawrence Berkeley National Laboratory (Berkeley Lab), University of California at Davis (UC Davis) and University of Stavanger in Norway have developed a new protocol, called BChain, which makes blockchain even more robust. A paper describing BChain was published in the Proceedings of the 18th International Conference on Principles of Distributed Systems. The
researchers are also working with colleagues at Berkeley Lab and beyond to adapt this tool to support applications that are of strategic importance to the Department of Energy's (DOE) Office of Science.

**Rhea Siers** (George Washington University) has authored several articles and provided expert commentaries on a range of national and cyber security topics in [The Cipher Brief](https://www.cipherbrief.com). See her commentary on [Hezbollah and their cyber offensive](https://www.cipherbrief.com/articles/2017/10/how-hezbollah-is-using-the-internet-to-forward-terrorist-goals).

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### UPCOMING EVENTS

**I3P Webinar Series: Cybersecurity Curricula 2017: The 1st Set of Global Cybersecurity Curricular Guidelines**  
Friday, March 16, 2018 12PM ET | [REGISTER](https://www.i3p.org/ticketing)

Diana Burley (George Washington University) is presenting *Cybersecurity Curricula 2017: The 1st Set of Global Cybersecurity Curricular Guidelines*. Dr. Burley is Executive Director and Chair of the Institute for Information Infrastructure Protection (I3P); Associate Dean for Research and External Relations (Interim) and Full Professor of Human & Organizational Learning.

These complimentary 30 minute webinars, held at noon ET on the 3rd Friday of each month, provide a relaxed forum through which I3P experts share state-of-the-art research on topics of importance to securing cyber infrastructure.

**Upcoming Speakers (2018)**

- April 20: **Elliott School of International Affairs** (George Washington University) **graduate student team** advised by Rhea Siers and Diana Burley will discuss their work exploring international cybersecurity policy.

- May 18: No webinar. GW Commencement.

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**The I3P Webinar Series will return in September 2018 with an engaging line-up of experts. Contact us to learn more or to request webinar topics.**

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More information on the I3P is available [here](https://www.i3p.org). Contact us at [thei3p@gwu.edu](mailto:thei3p@gwu.edu) to discuss opportunities to engage with I3P subject matter experts.