

Women's Cyber Forum: Launching Careers in Cyber Space

Date: 6 November 2017

Location: The Diplomatic Academy of Vienna,
Favoritenstraße 15A, 1040 Wien



**diplomatische
akademie wien**
Vienna School of International Studies
École des Hautes Études Internationales de Vienne

With Support of



Background:

The rapid expansion of the cyber security sector offers one of the fastest growing areas of opportunity for professionals seeking to enhance or diversify their career. A 2016 Forbes article reported that there were over one million cyber security job openings in 2016, rising to 6 million globally by 2019; by then we will witness a shortfall of 1.5 million¹ specialists. Reports, however, also show that women comprise only 11 percent of the global information security workforce.²

This is an unsatisfactory and unsustainable model. Cyber security is not merely a technical, but a societal and business challenge that requires a diverse set of disciplines and skillsets that includes traditional areas such as computer science but also increasingly requires strong competences in criminology, psychology, business, law, and political science.

The Energypact Foundation, in its mission to build awareness and promote cyber security, is conducting a one day seminar focused on information sharing, networking and mentoring for women professionals seeking opportunities in cyber security.

Mission statement:

The goal of this seminar is create a forum for information sharing, networking and mentoring: to raise awareness about the importance of cyber security as a career choice for young women in particular.

Audience:

The seminar is designed for young professional women (and men) with an interest in cyber security issues. Desired attendees include women and male allies already engaged or considering careers in cyber security, including university students and faculty, industry professionals, members of the government, and professional organizations.

Pre-requisites:

There are no pre-requisites for this seminar other than your curiosity.

Language:

The seminar will be conducted in English.

Conference Website and Registration Process:

Conference information including online registration can be found on the conference website at:

<https://www.energypact.org/womencyberforum>

There is no cost for participation, but the total number of participants will be limited.

Exhibitors and Seminar Sponsorship

Opportunities still exist for event sponsorship and exhibitors.

Please send inquiries to womencyberforum@energypact.org

¹ <http://www.forbes.com/sites/stevemorgan/2016/01/02/one-million-cybersecurity-job-openings-in-2016/#610d4aca7d27>

² Biennial Women In Cybersecurity Report, https://iamcybersafe.org/news_women_cybersecurity/

Agenda

08:30 – 09:30 Registration

09:30 – 09:45 Opening remarks

09:45 – 10:05 Keynote Address

10:05 – 10:25 Special Session: The Cyber Environment

Every aspect of business and society in general is becoming more and more digital in nature. This session explores the current trends in digital technology integration and associated cyber security considerations including: trends in cyber-attacks, policy and legal considerations, and the future of technology.

10:40 – 12:10 Session 1: The Cyber Career Path

Cyber security is not merely a technical challenge, but a societal and business challenge that requires a diverse set of disciplines and skill sets that include core areas such as computer science but also backgrounds in the humanities, business, law, and political science. This session explores the path to cyber security careers, including lessons learned and life experiences from successful professionals.

13:40 – 14:00 Special Session: The Cyber Environment (Part II)

14:00 – 15:30 Session 2: New Frontiers: Cyber Security Research

Digital technologies represent tremendous research and investment and with good reason. By 2020 it is estimated that digital technologies will contribute over one trillion dollars to the total global economic output.³ Diverse research must also include focus on securing new technologies and securing current technologies against a dynamic cyber threat. This session explores “state of the art” research and associated career opportunities.

15:45 – 17:15 Session 3: Building a Cyber Skill Set

What are the gaps and skill sets needed by industry? Not everyone needs to be a hacker, but everyone needs to have a growing set of awareness and skills in cyber security in whatever job function they perform. This session discusses the skills and experiences desired and in demand by industry. It also discusses paths to building these skills.

17:30 – 20:00 Mentoring & Networking Reception

The reception event is conceived as an active mentoring opportunity. It will be possible to sign up for mentoring at registration – either as mentor or mentored and you will receive special badges to wear during the reception. Special tables will be reserved for mentor-mentored interaction and it will be encouraged to interact with several different mentors.

The Energypact Foundation centred in Vienna, Austria, is a non-profit and non-political organisation. The Energypact vision is to promote through its activities an international collaborative community of technologically and risk informed leadership, researchers, implementers, and stakeholders for the development, sustainability, and security of energy production, transmission, and delivery addressing today's challenges and tomorrow's needs. Visit us at: www.energypact.org

³ <https://www.forbes.com/sites/joemckendrick/2015/03/17/digital-technologies-will-soon-add-1-trillion-plus-to-global-economy/#434939>