

Information Security and Privacy

EPFL Middle East – Executive Education

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The Internet is becoming a prevalent form of communication among citizens, between citizens and government, as well as between business and government. Also, governments are increasingly relying on the ICTs for their processes and activities, something broadly called e-government. The same governments are also becoming more and more interconnected thanks to the World Wide Web. At the same time, this makes governments, businesses and citizens increasingly vulnerable to attacks, crimes, and other security breaches. They all want to be sure their data and their communications are protected. Cybercrimes are growing throughout the world and everyone is looking for innovative ways to be protected from such behavior.

This 3-days course will help participants better understand today's reality of cybercrime, cybersecurity, and internet related privacy issues. Thanks to internationally known experts and their multi-disciplinary experiences covering the technical, legal, economic and the policy dimensions, participants will learn in particular state-of-the-art approaches and solutions to information security and privacy.



Topics covered will include:

- Cybercrime: Economic and Policy Considerations
- IT Security: Theory and Practice
- National Cybersecurity Programs: The Legal and Political Aspects
- Protecting your e-Identity: The Technical Aspect of Privacy

Faculty:

Lecturers are worldwide experts practitioners and researchers with extensive experience and networks on the topic of information security and privacy:

- **Prof. Matthias Finger**, Academic Director of EPFL's Executive Master in e-Governance. He is a specialist in transformation of network industries.
- **Prof. Solange Ghernaoui-Hélie** is a Professor at the University of Lausanne and an active ICT Security Analyst. She often works in collaboration with the International Telecommunication Union (ITU) and has worked on the development of cybersecurity strategies with different country in the MENA region including Qatar and Algeria.
- **Mr. Victor Emmanuel de Sa** is the Strategy Director of Geneva Solutions. He has extensive experience in e-payment, e-transactions, e-banking, cyberwarfare and e-health. He is an expert in protection of sensitive information and the inventor of Quantum Dana, commonly used to secure e-services.
- **Mr. Anthony Walsh** is a consultant for Deloitte and a graduate of EPFL's Executive Master in e-Governance. He has an extensive experience on the economic and policy impacts of IT security and has worked for major corporations such as Shell Oil Company and Philip Morris leading their Security and Privacy unit.
- **Dr. Mohammadhossein Manshaei** is a Senior Researcher and Lecturer working at EPFL's Computer Communications Laboratory. He is an expert in the fields of wireless security and privacy, wireless networks and game theory.

The Participants:

Typical participants are middle to high level managers with at least five years of relevant experience.

Tuition fee:

AED 6000 . A limited number of partial and full tuition waivers are available. Lunches and coffee breaks included.

Accommodation & Transportation:

Assistance regarding accommodation and transportation will be provided upon request.

To sign up, enquire about other course offerings or for any further information please contact:
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