

# CYBERSECURITY 360

## PROGRAMME AND FACULTY OVERVIEW



### AN INTERNATIONAL JOINT PROGRAMME FROM EIT DIGITAL AND UC BERKELEY EXECUTIVE EDUCATION

- Taking place in the San Francisco Bay Area, California and Munich, Germany.
- Programme Objective: Gain the cutting-edge cybersecurity awareness necessary for effective management decisions using the best US and European approaches shared by experts.

#### TOPICS

##### CYBERSECURITY GOVERNANCE

- Cybersecurity Governance and Management (EU Module)
- Cybersecurity Risk and Liability (US Module)

##### COMPLIANCE

- GDPR: Compliance, Enforcement and Consequences (EU Module)
- Data Privacy and Security (US Module)

##### CYBERSECURITY THREATS

- Human Threats: Social Engineering Techniques (US Module)
- Technological Threats: Vulnerabilities, Exploitations, Ethical Hacking (EU Module)

##### TECHNICAL APPROACH TO CYBERSECURITY FOR SPECIFIC ENVIRONMENTS

- Industry 4.0 (EU Module)

- Internet of Things (EU Module)
- Networks (EU Module)
- Online, Platform and Cloud Services (US Module)

##### CYBERSECURITY OPERATIONS

- Corporate Cybersecurity (US Module)

#### WEEK ONE BERKELEY, CALIFORNIA

##### MONDAY 01 OCTOBER

AM Arrivals

PM Cybersecurity Risk & Liability

##### TUESDAY 02 OCTOBER

AM Cybersecurity for Specific Technical Systems

PM Cybersecurity for Specific Technical Systems

##### WEDNESDAY 03 OCTOBER

AM Social Engineering Techniques

PM Corporate Cybersecurity

##### THURSDAY 04 OCTOBER

AM Data Privacy & Security

PM Company Site Visit 1 (San Francisco)

##### FRIDAY 05 OCTOBER

AM Company Site Visit 2 (San Francisco)

PM Departures

#### WEEK TWO MUNICH, GERMANY

##### MONDAY 15 OCTOBER

AM Arrivals

PM Cybersecurity in Industry 4.0

##### TUESDAY 16 OCTOBER

AM Network Security

PM Security in IoT

##### WEDNESDAY 17 OCTOBER

AM Company Site Visit 1

PM Company Site Visit 2

##### THURSDAY 18 OCTOBER

AM Cybersecurity Governance and Management

PM GDPR: Compliance, Enforcement & Consequences

##### FRIDAY 19 OCTOBER

AM Technological Threats

PM Departures

Disclaimer: Topic dates within the programme may be subject to change.



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# EUROPE MODULE FACULTY

SESSION	TOPIC	FACULTY
Monday (PM) October 15	Cybersecurity for Industry 4.0	Christian Haas Fraunhofer IOSB, Karlsruhe
Tuesday (AM) October 16	Network Security	Manuel Carpio Intelsynet.com
Tuesday (PM) October 16	Security in the IoT	Bruno Crispo University of Trento
Thursday (AM) October 18	Cybersecurity Governance	Jan van den Berg Delft University of Technology
Thursday (PM) October 18	GDPR	Aurelie Pols mParticle
Friday (AM) October 19	Technological Threats	Juan Caballero IMDEA Software

## FACULTY MEMBERS



### VÍCTOR A. VILLAGRÀ

CYBERSECURITY  
MASTERS DIRECTOR  
AT THE POLYTECHNIC  
UNIVERSITY OF MADRID  
AND CYBERSECURITY 360  
PROGRAMME FACULTY LEAD

Víctor A Villagrà is the Director of the Cybersecurity Masters Programme of the Polytechnic University of Madrid (UPM) and also has been an Associate Professor in UPM's Telecommunications Engineering School (ETSIT) since 1992.



### JAN VAN DEN BERG

FULL PROFESSOR OF  
CYBERSECURITY AT  
TUDELFT UNIVERSITY AND  
LEIDEN UNIVERSITY AND  
SCIENTIFIC DIRECTOR OF THE  
CYBERSECURITY ACADEMY

Jan van den Berg is Professor of Cyber Security at Delft University of Technology and within the Institute of Security & Global Affairs (ISGA) at Leiden University. He is also Scientific Director of the Cyber Security Academy in The Hague.



### AURELIE POLS

DATA PROTECTION OFFICER  
AT MPARTICLE

Aurélie Pols serves as Data Privacy Officer (DPO) for mParticle, a New York-based customer data platform. She is also a member of the Ethics Advisory Group for the EU's European Data Protection Supervisor (EDPS).



### JUAN CABALLERO

DEPUTY DIRECTOR AT THE  
IMDEA SOFTWARE INSTITUTE

Juan Caballero is Deputy Director and Associate Research Professor at IMDEA Software Institute in Madrid. His research focuses on security issues in systems, software, and networks, including malware and cyberattacks. His research won a Best Paper at the USENIX Security Symposium and Most Influential Paper at the DIMVA Conference.



### BRUNO CRISPO

CHAIR OF THE CYBER-  
SECURITY LABORATORY AND  
ASSOCIATE PROFESSOR AT  
UNIVERSITY OF TRENTO

Bruno Crispo is Chair of the Cyber-Security Laboratory established between the National Research Council and the University of Trento. He is a Member of the Executive Council of the National Inter-university Consortium for Informatics and a Member of the Scientific Committee of the National Research and Study Centre on CyberCrime of the Italian National Police.



### CHRISTIAN HAAS

GROUP LEADER, SECURELY  
NETWORKED SYSTEMS AT  
FRAUNHOFER IOSB

Christian Haas is the Group Leader, Securely Networked Systems at Fraunhofer IOSB in Karlsruhe. His work focuses on network security, wireless sensor networks and security for industrial production systems. He was previously with the Institute of Telematics at the Karlsruhe Institute of Technology where he worked on projects for the Federal Office for Information Security and the Federal Ministry of Education and Research.



### MANUEL CARPIO

VP OF CONTINUAM. EX  
CHIEF INFORMATION  
SECURITY OFFICER (CISO) OF  
TELEFÓNICA

Manuel Carpio is VP of CONTINUAM (Spanish Business Continuity Association). He was formerly Chief Information Security Officer (CISO) for Telefónica and Secretary of their Corporate Security Committee. He founded the Spanish Private CISOs Association and has contributed to policymaking in Europe and Latin America.

Visit the Cybersecurity 360 webpage at [eitdigitalx.eu/cybersecurity360](http://eitdigitalx.eu/cybersecurity360) for the full faculty bios

ANY QUESTIONS?

NEED MORE INFORMATION?

HERE'S HOW YOU CAN REACH US:

[professionalschool@eitdigital.eu](mailto:professionalschool@eitdigital.eu)

[eitdigitalx.eu/cybersecurity360](http://eitdigitalx.eu/cybersecurity360)