Jeannette Klonk I National Contact Point Austria

SEREN4 ONLINE WORKSHOP ON CYBERSECURITY

28.04.2020

AGENDA

Presentation of the four pilots – Cybersecurity Competence Networks and Centre

Kai Rannenberg (Goethe-University Frankfurt - CyberSec4EU)

Edgar Weippl (SBA Research - CONCORDIA)

Matteo Merialdo (RHEA Group - ECHO)

Christian Derler (Joanneum Research - SPARTA)

Cybersecurity of the future - Cybersecurity in Horizon 2020 and Horizon Europe Policy Background and how to address future R&I needs

Martin Übelhör, European Commission (DG CNECT)

Panel discussion: The perspective of the Cybersecurity Competence Network and future collaboration opportunities

Questions and answers from the audience!

CALL - DIGITAL SECURITY 2020

Proposals should foresee actions to collaborate with the four pilot projects funded under Horizon 2020 LEIT ICT and also with similar ongoing projects funded under H2020, and take account of the results and work done in other relevant H2020 projects on cybersecurity/privacy.

Call Digital Security
Budget 68.8 Mio €
27th August 2020

CALL - DIGITAL SECURITY TOPICS

SU-DS02-2020: Intelligent security and privacy management

(a): Dynamic governance, risk management and compliance – IA

(b): Cyber-threat information sharing and analytics – IA

(c): Advanced security and privacy solutions for end users or software developers – RIA

(d): Distributed trust management and digital identity solutions – RIA

SU-DS03-2020: Digital Security and privacy for citizens and Small and Medium Enterprises and Micro Enterprises

(a): Protecting citizens' security, privacy and personal data

(b): Small and Medium-sized Enterprises and Micro Enterprises (SMEs&MEs): defenders of security, privacy and personal data protection

SU-DS04-2020: Cybersecurity in the Electrical Power and Energy System (EPES): an armour against cyber and privacy attacks and data breaches

EUROPEAN CYBERSECURITY COMPETENCE NETWORK

OUR SPEAKERS

Martin Übelhör works in the European Commission, Directorate-General for Communications, Networks, Content and Technology (DG Connect). He currently works as Head of Sector for Cybersecurity Industry and Innovation, negotiating a Regulation for an industrial policy and competence centres in cybersecurity.

Prior to that, he worked as policy assistant to the Director for Digital Society, Trust and Security, dealing with topics such as cybersecurity and digital privacy, smart mobility and smart energy, as well as eGovernment and eHealth.

Martin studied political science and sociology in Mannheim, Baltimore and Bruges. After first experiences in international affairs (United Nations HQ) and research (Fraunhofer Institute for Systems and Innovations Research) he joined the European Commission in 2008.

OUR SPEAKERS

Edgar R. Weippl is professor for Security and Privacy at the University of Vienna and Research Director of SBA Research, Head of the Christian Doppler Laboratory for Security and Quality Improvement in Production Systems, and Key Researcher for one area in the Austrian Blockchain Center (ABC). Edgar focuses on (1) fundamental and applied research on blockchain and distributed ledger technologies and (2) security of production systems engineering.

He is on the editorial board of Elsevier's Computers & Security journal (COSE), was PC chair of ESORICS 2015, general chair of ACM CCS 2016 and PC Chair of SACMAT 2017, and general chair of Euro S&P 2021.

After graduating with a Ph.D. from the Vienna University of Technology, Edgar worked for two years in a research startup. He spent one year teaching as an assistant professor at Beloit College, WI. From 2002 to 2004, while with the software vendor ISIS Papyrus, he worked as a consultant for an HMO in New York, NY and Albany, NY, and for the financial industry in Frankfurt, Germany. In 2004 he joined the Vienna University of Technology and together with A Min Tjoa and Markus Klemen founded the research center SBA Research. In 2020 Edgar became full professor for Security and Privacy at the University of Vienna.

OUR SPEAKERS

Kai Rannenberg Chair of Mobile Business & Multilateral Security (www.m-chair.de) at GUF. Visiting Professor National Institute for Informatics (Tokyo, Japan) since 2012. ChairCEPIS (www.cepis.org) Legal & Security Issues Special Interest Network since 2003. Since 2015 Vice President IFIP (www.ifip.org). Since 2007 Convenor ISO/IEC JTC 1/SC 27/WG 5 "Identity management & privacy technologies". 2004-2013 academic expert in the Management Board of EU Network and Information Security Agency, ENISA; since 2013 member of ENISA's Permanent Stakeholder Group (since 2019 Advisory Group). 1999-2002 with Microsoft Research Cambridge focussing on PersonalSecurity Devices & Privacy Technologies".

Kai has been coordinating several leading EU research projects, e.g. the Network of Excellence "Future of Identity in the Information Society (FIDIS)" and the Integrated Project "Attribute based Credentials for Trust" (ABC4Trust). Currently he is coordinating CyberSec4Europe, a pilot for the European Cybersecurity Competence Network the EU is aiming for.

OUR SPEAKERS

Matteo Merialdo works as R&D Manager in the Security Business division at RHEA Group.

He has wide experience on cyber-security product development, including cyber-ranges, dynamic risk assessment and information sharing. As project manager, he led multiple research projects for theEuropean Commission and the European Space Agency.

Among other activities, he is currently technically leading the Horizon 2020 project ECHO, a large initiative aiming at developing a European-wide network of cyber-security centers.
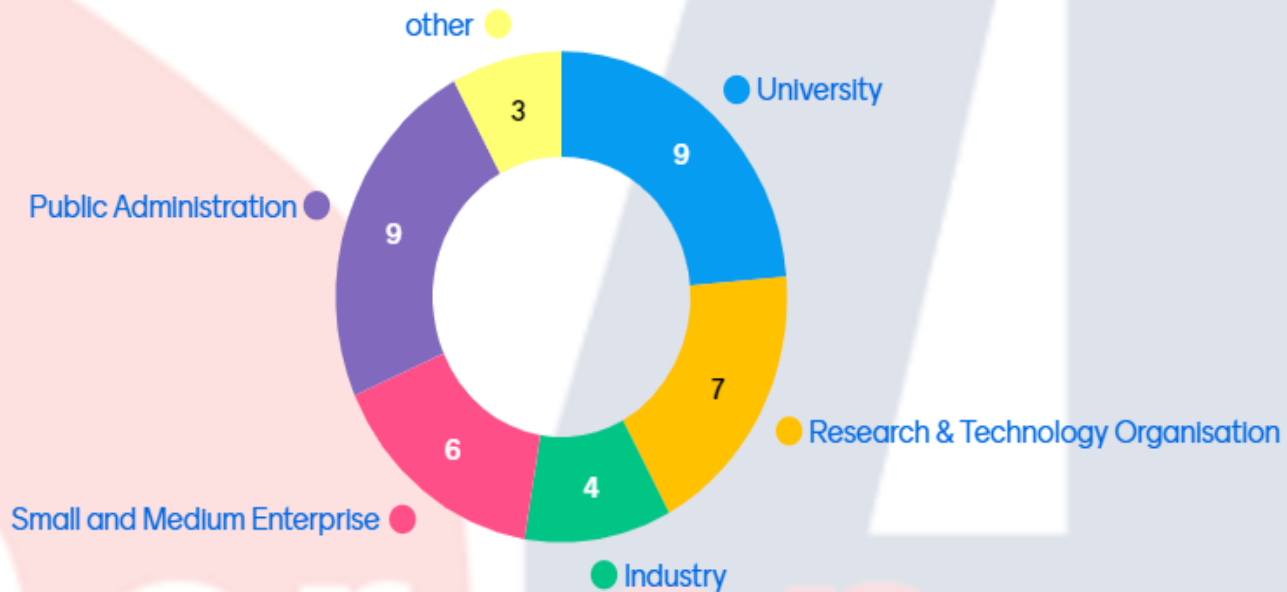
OUR SPEAKERS

Christian Derler is the Head of the Competence Group Cyber Security and Defence and member of the management team of the DIGITAL – Institute for Information and Communication Technologies at JOANNEUM RESEARCH.

Having been business development manager for several years he possesses distinct domain knowledge in security research with its application areas defence, energy systems and transport. He leads a team of researchers who focus on the development of methods and software tools that increase cyber resilience, security-by-design, threat-modelling, AI-based cyber incident detection and military information systems.

He represents the institute in a number of special interest groups among them the European Cyber Security Organisation (ECSO), the EARTO Security and Defence Research Group, the Cyber Security Platform Austria (CSP-AT) and the Public Safety Communication Europe Forum (PSCE). He graduated in Information Technology from the University of Technology, Graz in 1995. Since then he managed numerous national and international projects. His professional training includes courses in business management, organization and leadership complemented by his education as professional Systemic Coach.

THANK YOU AND LET'S GO ON WITH A SHORT SURVEY!

What type of organisation do you represent?

- University — 9
- Research & Technology Organisation — 7
- Industry — 4
- Small and Medium Enterprise — 6
- Public Administration — 9
- other — 3

What are the main challenges with regard to cybersecurity in Europe?

1st	Missing cooperation between Member States
2nd	Missing European Approach
3rd	Missing cybersecurity skills
4th	Missing risk prevention measures
5th	Missing capabilities on Member State level
6th	Missing cyber threat awareness