

Preface

This volume consists of the selected revised papers based on the presentations at the Cyber Security and Privacy (CSP) Innovation Forum 2015 held in Brussels, Belgium, during April 28–29, 2015. The CSP Innovation Forum 2015 was organized in collaboration with the European Commission, DG CONNECT (Unit H4 Trust & Security). The event included DG CONNECT H2020 informational sessions relating to “Digital Security: Cybersecurity, Privacy, and Trust” calls in 2015.

This volume builds on the experiences of the previous edited CSP Forum editions (published by Springer as CCIS 182 and CCIS 470). It is edited with the intention and ambition to develop and establish a “portfolio” of European research. The main objective is to support the dissemination and visibility of research outcomes beyond research communities to various stakeholders (e.g., researchers, practitioners, and policy-makers) by providing a collection of research contributions funded by European Commission’s research and innovation programs. The edited proceedings of the annual editions of the CSP Forum capture the evolution of research and innovation in cyber security and privacy in Europe.

This volume contains on-going research activities and results carried out within European projects mostly funded by the European Commission’s research and innovation programs. The conference program consisted of two official opening plenary sessions and 20 different tracks involving a variety of presentations and panel discussions covering the key challenges and strategies available to effectively manage employee, citizen, and corporate trust. The conference provided an opportunity for those in business, the public sector, research, and government who are involved in the policy, security, systems, and processes surrounding security and privacy technologies. The papers collected in this volume received support from organizations, national research programs, and the European Commission’s research and innovation programs, in particular, by the following EU projects (in alphabetical order):

- A4CLOUD
Accountability for Cloud and Other Future Internet Services
FP7-317550
- Coco Cloud
Confidential and Compliant Clouds
FP7-610853
- INTER-TRUST
Interoperable Trust Assurance Infrastructure
FP7-317731
- IPACSO
Innovation Framework for Privacy and Cyber Security Market Opportunities
FP7-609892

- **MASSIF**
Management of Security Information and Events in Service Infrastructures
FP7-257475
- **OpenI**
Open-Source, Web-Based, Framework for Integrating Applications with Cloud-Based Services and Personal Cloudlets.
FP7-317883
- **OPTET**
Operational Trustworthiness Enabling Technologies
FP7-317631
- **PRIPARE**
Preparing Industry to Privacy-by-Design by Supporting Its Application in Research
FP7-610613
- **PRISMACLOUD**
Privacy and Security Maintaining Services in the Cloud
H2020-644962
- **SECURED**
Security at the Network Edge
FP7-611458

The CSP Innovation Forum 2015 received support from the following EU projects:

- **A4CLOUD**
- **ATTPS**
Achieving the Trust Paradigm Shift
FP7-317665
- **IPACSO**
- **PRIPARE**
- **SecCord**
Security and Trust Coordination and Enhanced Collaboration
FP7-316622
- **SECURED**
- **TREsPASS**
Technology-Supported Risk Estimation by Predictive Assessment of Socio technical Security
FP7- 318003

This two-day conference organized by the SecCord project had invited presenters, panellists, and exhibitors to contribute to this collection of selected papers. Two types of papers were solicited to be published in the proceedings of the conference:

- **Practical Experience Reports and Tools**, presenting in-depth description of practitioner experiences, case studies, and tools
- **Research Papers**, presenting recent original research results providing new insights to the community

The submissions were peer-reviewed by three Program Committee members and experts. The peer-review process provided authors with valuable feedback in order to

improve their papers. The selected papers grouped into thematic parts of these proceedings offer just a snapshot of the two-day conference, which provided an opportunity to present and debate on going cyber security and privacy research and development in Europe. These proceedings intend to inform researchers, practitioners, and policy-makers about research developments and technological opportunities for innovation in cyber security and privacy.

We would like to thank everyone who made the publication of these proceedings possible, in particular the authors, the Program Committee members and reviewers, the conference organizers, and the supporting organizations.

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CSP Innovation Forum 2015 Chairs

Cyber Security and Privacy

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