Message from the Chairs

Welcome to the 2nd Evolving Security and Privacy Requirements Engineering (ESPRE) Workshop in Ottawa, Canada on the 25th of August 2015, co-located with the RE 2015 conference. The main focus of ESPRE is to bring together practitioners and researchers interested in security and privacy requirements. ESPRE probes the interfaces between requirements engineering and security & privacy, and takes a step towards evolving security and privacy requirements engineering to meet a range of needs of stakeholders ranging from business analysts and security engineers to technology entrepreneurs and privacy advocates.

ESPRE’s goal is to advance the scope of current research to consider novel approaches to the elicitation, analysis, and refinement of security and privacy requirements. In particular, ESPRE fosters new visions and novel applications of requirements engineering; leveraging expertise; establishing security standards; and fusing security design, implementation, and validation stages into requirements engineering. Interdisciplinary work is encouraged to investigate possibilities for aligning language and methodologies of other disciplines (e.g., legal analysis or health care procedures) with requirements engineering.

The workshop begins with a keynote address by Professor Robert Biddle. The keynote provides insights into human factors in cyber-security and software design, especially creating and evaluating innovative designs for computer security software. The workshop continues with two more sessions. The “Security Requirements” session raises issues related to biometric authentication on smart phones, SLA management, and reusing security requirements sources. Our “Modelling Cloud Security” session reveals patterns for security in cloud ecosystems and modeling of clouds based on security requirements. The workshop has two dedicated sessions on current topics of security requirements engineering. The first discussion is led by Professor Robert Biddle and concerns human computer interaction and security requirements engineering. The second discussion is chaired by Dr. Nancy Mead, SEI Fellow and Principal Researcher, and tackles agile development and security requirements engineering. This ESPRE workshop concludes with an invited talk from Mr. Steven Johnston, who is the Senior Information Technology Research Analyst at the Office of the Privacy Commissioner of Canada (OPC). His talk is entitled “Translating Privacy Principles to Design Requirements” and concerns recent practical challenges concerning privacy requirements engineering.

We are grateful to the programme committee for their hard work providing insightful and thoughtful feedback to all of the papers submitted. Each paper was assigned three (and often four) reviewers that judged the quality of the work and its ability to raise interesting debate during the workshop.

This is the second ESPRE workshop a successor to last year’s 1st ESPRE workshop. The success of the first workshop of the series was shown in the 16 registrations, 2 keynotes and 8 paper presentations. Furthermore, the ESPRE workshop has had a significant impact on the number of security and privacy papers presented at RE 2014, which Annie Anton highlighted in her keynote. The ESPRE series of workshops builds on the success of recent workshops in security requirements engineering and secure software engineering, in particular the Security and Privacy Requirements Engineering (SPREE) Workshop in 2011, the International Workshop for Software Engineering for Secure Systems (SESS) series, and the Requirements for High Assurance Systems (RHAS) workshop series. Our workshop organisation committee draws from the expertise associated with these workshops.

Kristian Beckers, Shamal Faily, Seok-Won Lee, and Nancy Mead
Organisers of the ESPRE Workshop

Xavier Franch and Lin Liu
RE’15 Workshop Co-Chairs
ESPRE 2015 Organisation

Organising Committee

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Seok-Won Lee  Ajou University, Republic of Korea
Nancy Mead  Carnegie Mellon University, USA

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