



The 4th International Workshop on Evolving Security & Privacy Requirements Engineering

September 4th 2017

co-located with the 25th IEEE International Requirements Engineering Conference
4-8 September 2017 - Lisbon, Portugal

CALL FOR PAPERS

INTRODUCTION

When specifying a system, security and privacy needs to be addressed as early as possible. Unfortunately, many people find doing so difficult in the face of conflicting priorities. When these concerns are addressed, we discover how intrinsically difficult specifying security and privacy can be, and the blurred distinction between requirements and security and privacy concepts.

The Evolving Security and Privacy Requirements Engineering (ESPRE) Workshop will be a multi-disciplinary, one-day workshop that brings together practitioners and researchers interested in security and privacy requirements. ESPRE will probe the interfaces between Requirements Engineering and Security & Privacy, and take the first step in 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.

TOPICS

Topics addressed by ESPRE are those which will promote discussion about advancing Security & Privacy Requirements Engineering. These include, but are not excluded to:

- Adaptation of security & privacy requirements
- Elicitation and analysis techniques
- Evolution of security & privacy requirements
- Legal compliance in security & privacy RE
- Leveraging Domain knowledge
- Modelling trust and risk
- Ontologies for security & privacy RE
- Scalability of security RE approaches
- Security & privacy RE and [Sec]DevOps
- Security & privacy RE for design innovation
- Security & privacy RE education
- Security & privacy RE processes
- Stakeholder & Attacker perspectives
- Studies applying security & privacy RE
- Validation & verification

We are particularly interested in submissions that align with this year's RE conference theme of "Desperately Seeking Less: The Role of Simplicity and Complementarity in Requirements". In the past year, the 'post truth' culture has become pervasive in many walks of life. As a corollary, there is a move to making design decisions based on appeals to emotion and gut-feeling rather than evidence-based reasoning. This presents opportunities and challenges to Requirements Engineering. By focusing on less and appealing to emotion, we can engage otherwise disengaged stakeholders in security and privacy issues. However, such appeals might benefit attackers as well as engineers, so there is a need for simplicity and complementarity without sacrificing the assurance expectations stakeholders have in their systems.

SUBMISSIONS

We invite research and position papers that address any of the workshop topics. Papers should be no more than 6 pages, conform to the IEEE Conference Publishing Services, and submitted electronically in PDF format to EasyChair: <https://www.easychair.org/conferences/?conf=espre2017>. Accepted papers will be published in the workshop proceedings, and made available via IEEE Xplore.

IMPORTANT DATES

- Submission Deadline: June 9th, 2017
- Notifications: June 30th, 2017
- Camera-ready papers due: July 16th, 2017
- Workshop date: September 4th, 2017

ORGANISING COMMITTEE

- Kristian Beckers (Social Engineering Academy, Germany)
- Shamal Faily (Bournemouth University, UK)
- Seok-Won Lee (Ajou University, South Korea)
- Nancy Mead (Carnegie Mellon University, USA)

PROGRAMME COMMITTEE

- Raian Ali (Bournemouth University, UK)
- Andrea Atzeni (Politecnico di Torino, Italy)
- Dan Berry (University of Waterloo, Canada)
- Travis Breaux (Carnegie Mellon University, USA)
- Stephan Faßbender (University of Duisburg-Essen, Germany)
- Carmen Fernandez Gago (University of Malaga, Spain)
- Eduardo Fernández-Medina (Universidad de Castilla-La Mancha, Spain)
- Nalin Asanka Gamagedara Arachchilage (University of New South Wales, Australia)
- Sepideh Ghanavati (Texas Tech University, USA)
- Martin Gilje Jaatun (SINTEF ICT, Norway)
- Marit Hansen (Independent Centre for Privacy Protection Schleswig-Holstein, Germany)
- Denis Hatebur (ITESYS, Germany)
- Dominik Holling (ITK Engineering GmbH, Germany)
- Christos Kalloniatis (University of the Aegean, Greece)
- Vasilis Katos (Bournemouth University, UK)
- Raimundas Matulevicius (University of Tartu, Estonia)
- Tong Li (Beijing University of Technology, China)
- Daniel Mendez (Technical University of Munich, Germany)
- Haris Mouratidis (University of Brighton, UK)
- Martin Ochoa (Singapore University of Technology and Design, Singapore)
- Federica Paci (University of Southampton, UK)
- Jaehong Park (University of Alabama in Huntsville, USA)
- Aljosa Pasic (Atos, Spain)
- Riccardo Scandariato (Göteborg University, Sweden)
- Holger Schmidt (Hochschule Düsseldorf, Germany)
- Mohamed Shehab (University of North Carolina at Charlotte, USA)
- Bjørnar Solhaug (Research Council of Norway, Norway)
- Ketil Stølen (SINTEF ICT, Norway)
- Nicola Zannone (Eindhoven University of Technology, The Netherlands)