Preface WISSE 2011

Information systems security problems are currently a widespread and growing concern that covers most of the areas of society, such as business, domestic, financial, government, healthcare, and so on. The scientific community is beginning to realize the importance of aligning information systems engineering and security engineering in order to develop more secure information systems.

The First International Workshop on Information Systems Security Engineering (WISSE) expands the vision of the information system engineering from a perspective of security. It aims to identify current research on methods, models, and tools for IS security and to bring together researchers and practitioners who want to discuss key issues in IS security engineering.

This workshop, held in London (United Kingdom) on June 21th, 2011, was organized in conjunction with the 23rd International Conference on Advanced Information Systems Engineering (CAiSE'11).

In order to ensure a high quality workshop, among 12 received papers, the Program Committee selected 4 papers as full papers, thus coming up with an acceptance rate of 33%. The proceedings also includes 2 short papers. The selected research papers for presentation address the following topics:

- Methodologies and models for evaluating IS security aspects,
- Security Architectures and Patterns for Information Systems,
- Secure Information Systems development methodologies,
- Models and approaches for the verification of security properties,
- Ontologies for IS security,
- Integrating functional and security requirements,
- Access and Usage control models,
- Formal methods for modelling security.

Besides these papers, a keynote address deals with modelling and reasoning about security and privacy and how they should be treated under one unified framework. The keynote speaker, Dr. Haris Mouratidis, is widely known for his expertise on this subject and we gratefully acknowledge his contribution.

We wish to thank all the contributors to WISSE'2011, in particular the authors who submitted papers and the members of the Program Committee who carefully reviewed them. Special thanks to Dr. Haris Mouratidis who will honour us by offering the Keynote Speech which we hope you find motivating. We express our gratitude to the CAiSE'11 Workshop Chairs, Oscar Pastor and Camille Salinesi, for their helpful support in preparing the workshop. Finally, we thank our colleagues from the Steering Committee, Nora Cuppens, Jan Jürjens and Luis Enrique Sánchez, for initiating the workshop and contributing to its organization.

June 2011

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