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Formal Aspects in Security and Trust

5th International Workshop, FAST 2008
Malaga, Spain, October 9-10, 2008
Revised Selected Papers

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Preface

The present volume contains the proceedings of the 5th International Workshop on Formal Aspects in Security and Trust (FAST 2008), held in Malaga, Spain, October 9-10, 2008. FAST is an event affiliated with the 13th European Symposium on Research in Computer Security (ESORICS 2008). FAST 2008 was held under the auspices of the IFIP WG 1.7 on Foundations of Security Analysis and Design.

The 5th International Workshop on Formal Aspects in Security and Trust (FAST 2008) aimed at continuing the successful effort of the previous three FAST workshop editions for fostering the cooperation among researchers in the areas of security and trust. As computing and network infrastructures become increasingly pervasive, and as they carry increasing economic activity, society needs well-matched security and trust mechanisms. These interactions increasingly span several enterprises and involve loosely structured communities of individuals. Participants in these activities must control interactions with their partners based on trust policies and business logic. Trust-based decisions effectively determine the security goals for shared information and for access to sensitive or valuable resources.

FAST sought for original papers focusing on formal aspects in: security and trust policy models; security protocol design and analysis; formal models of trust and reputation; logics for security and trust; distributed trust management systems; trust-based reasoning; digital assets protection; data protection; privacy and ID issues; information flow analysis; language-based security; security and trust aspects in ubiquitous computing; validation/analysis tools; Web service security/trust/privacy; GRID security; security risk assessment; case studies.

The proceedings consist of an invited paper by Gilles Barthe and 20 revised papers selected out of 59 submissions. Each paper was reviewed by at least three members of the Program Committee (PC).

We wish to thank the the PC members for their valuable efforts in properly evaluating the submissions, and the ESORICS 2008 organizers for accepting FAST as an affiliated event and for providing a perfect environment for running the workshop.

October 2008

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