

Preface

This volume contains the papers presented at POST 2016, the 5th Conference on Principles of Security and Trust, held April 4–5, 2016, in Eindhoven, The Netherlands, as part of ETAPS. Principles of Security and Trust is a broad forum related to the theoretical and foundational aspects of security and trust, and thus welcomes papers of many kinds: new theoretical results, practical applications of existing foundational ideas, and innovative theoretical approaches stimulated by pressing practical problems.

POST was created in 2012 to combine and replace a number of successful and long-standing workshops in this area: Automated Reasoning and Security Protocol Analysis (ARSPA), Formal Aspects of Security and Trust (FAST), Security in Concurrency (SecCo), and the Workshop on Issues in the Theory of Security (WITS). A subset of these events met jointly as an event affiliated with ETAPS 2011 under the name Theory of Security and Applications (TOSCA).

There were 35 submissions to POST 2016, 34 research papers and one tool demonstration paper. Each submission was reviewed by at least three Program Committee members, who in some cases solicited the help of outside experts to review the papers. Electronic discussion was used to decide which papers to select for the program.

The committee decided to accept 12 papers and the tool demonstration paper. In addition to the presentations of these papers, the conference program also included an invited talk by Vitaly Shmatikov, who was also one of the ETAPS unifying speakers.

We would like to thank the members of the Program Committee, the additional reviewers, the POST Steering Committee, the ETAPS Steering Committee, and the local Organizing Committee, who all contributed to the success of POST 2016. We also thank all authors of submitted papers for their interest in POST and congratulate the authors of accepted papers. Finally, we gratefully acknowledge the use of Easy-Chair for organizing the submission process, the Program Committee’s work, and the preparation of this volume.

January 2016

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<http://www.springer.com/978-3-662-49634-3>

Principles of Security and Trust

5th International Conference, POST 2016, Held as Part
of the European Joint Conferences on Theory and
Practice of Software, ETAPS 2016, Eindhoven, The
Netherlands, April 2-8, 2016, Proceedings

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2016, X, 277 p. 69 illus. in color., Softcover

ISBN: 978-3-662-49634-3