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Open Problems in Network Security

IFIP WG 11.4 International Workshop, iNetSec 2011
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Revised Selected Papers

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Preface

The international workshop iNetSec 2011 – Open Problems in Network Security— is dedicated to open problem and research directions on all aspects related to network security. It is the main workshop of working group WG 11.4 of the IFIP. This year, iNetSec was co-located with IFIP SEC 2011 in Lucerne on June 9 and shared with it the keynote talk by the Kristian Beckman award-winner Ann Cavoukian.

Originally, iNetSec was run in the traditional format where research papers get submitted, peer-reviewed, and then presented at the workshop. Since 2009, the format was changed to discuss open research problems and directions in network security. To enable this open workshop style yet remain focused on particular topics, we called for two page abstracts in which the authors were asked to outline an open research problem or direction. This year, we received 28 short submissions. Each of them was independently reviewed by six Program Committee members with a focus on the relevance and suitability for discussion. After a round of discussion in the Program Committee, 12 papers were selected for presentation at the workshop. For these presentations almost the same time was given to discussions as for presentations. After the workshop, the authors submitted a full paper that also takes the discussion into account. These papers are in the proceedings you are now holding in your hands. We hope that they will serve as a source of inspiration for new research.

We thank the authors of all submissions for enabling the workshop and the presenters and all participants for making it a success with their lively contributions! We also thank the local organizers Carlos Rieder, Colette Hofer-Schürmann, and Fabia Bommes for making our stay in Lucerne such a pleasure.

September 2011

Jan Camenisch
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iNetSec 2011

Open Research Problems in Network Security

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Organized in cooperation with *IFIP WG 11.4*

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