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Weizhi Meng · Steven Furnell (Eds.)

Security and Privacy in Social Networks and Big Data

5th International Symposium, SocialSec 2019
Copenhagen, Denmark, July 14–17, 2019
Revised Selected Papers

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Editors
Weizhi Meng
Technical University of Denmark
Lyngby, Denmark

Steven Furnell
University of Plymouth
Devon, UK

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Preface

The 5th International Symposium on Security and Privacy in Social Networks and Big Data (SocialSec 2019) was held at Technical University of Denmark in Copenhagen, Denmark during July 14–17, 2019. It follows the success of SocialSec 2015 in Hangzhou, China; SocialSec 2016 in Fiji; SocialSec 2017 in Melbourne, Australia; and SocialSec 2018 in Santa Clara, CA, USA. The aim of the symposium is to provide a leading edge forum to foster interactions between researchers and developers with the security and privacy communities in social networks and big data, and to give attendees an opportunity to interact with experts in academia, industry, and government.

The conference program included 2 keynote speeches, 2 invited talks, and 21 contributed papers in addressing both theoretical and practical security and privacy challenges in social networks, Internet of Things, and big data. We would like to give our appreciation to our keynote speakers Dr. Manu Malek and Prof. Jaideep Vaidya for their talks "Internet of Things: Applications and Security Challenges" and "Privacy-preserving Analytics in the Big Data Environment" respectively. Also, our thanks go to our invited speakers Prof. Anthony TS Ho and Dr. Chunhua Su for their wonderful speeches.

This year, we received a total of 76 submissions, and each submission was reviewed by at least 3 Program Committee (PC) members. We finally accepted 18 full papers (with an acceptance rate of 25%) and 3 short papers, which cover a broad range of topics on security in Internet of Things, social networks, user authentication, algorithm design, artificial intelligence, and big data.

For the success of SocialSec 2019, we would like to first thank all the PC members for their great efforts in selecting the papers. We also thank all the external reviewers for assisting in the reviewing process. Further, we are thankful to the authors of all submitted papers.

For the conference organization, we would like to thank the general chairs – Yang Xiang (Swinburne University of Technology, Australia) and Anthony TS Ho (University of Surrey, UK) – for their kind support. We are grateful to other chairs – Jinguang Han (Queen's University Belfast, UK), Zhe Liu (Nanjing University of Aeronautics and Astronautics, China), Chunhua Su (University of Aizu, Japan), Ding Wang (Peking University, China), and Yu Wang (Guangzhou University, China) – for their help during the conference organization.

July 2019

Weizhi Meng
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