Advances in Intelligent Systems and Computing 928

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Preface

The 2019 International Conference on Cyber Security Intelligence and Analytics (CSIA 2019) is an international conference dedicated to promoting novel theoretical and applied research advances in the interdisciplinary agenda of cyber security, particularly focusing on threat intelligence and analytics and countering cybercrime. Cyber security experts, including those in data analytics, incident response, and digital forensics, need to be able to rapidly detect, analyze, and defend against a diverse range of cyber threats in near real-time conditions. For example, when a significant amount of data is collected from or generated by different security monitoring solutions, intelligent and next-generation big data analytical techniques are necessary to mine, interpret, and extract knowledge of this (big) data. Cyber threat intelligence and analytics are among the fastest-growing interdisciplinary fields of research bringing together researchers from different fields such as digital forensics, political and security studies, criminology, cyber security, big data analytics, and machine learning to detect, contain, and mitigate advanced persistent threats and fight against organized cybercrimes.

Each paper was reviewed by at least three independent experts, and the acceptance rate was 45%. The conference would not have been possible without the contributions of the authors. We sincerely thank all the authors for their valuable contributions. We would like to express our appreciation to all members of the Program Committee for their valuable efforts in the review process that helped us to guarantee the highest quality of the selected papers for the conference.

We would like to express our thanks to Prof. Shunxiang Zhang, Anhui University of Science and Technology, and Prof. Xiangfeng Luo, Shanghai University, for being the keynote speakers at the conference. We would also thank the Steering Committee, General Chairs, Program Committee Chairs, Organizing Chairs, and Workshop Chairs. The local organizers' and the students' help is highly appreciated.

Our special thanks are due also to the editors for publishing the proceedings in Advances in Intelligent Systems and Computing of Springer.

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