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Cyberspace Safety and Security

11th International Symposium, CSS 2019 Guangzhou, China, December 1–3, 2019 Proceedings, Part I

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Preface

Welcome to the proceedings of the 11th International Symposium on Cyberspace Safety and Security (CSS 2019), which was organized by Guangzhou University and held in Guangzhou, China, during December 1–3, 2019.

CSS 2019 was the 11th event in a series of international symposiums devoted to research on cyberspace safety and security. Previous iterations of the symposium include CSS 2018 (Amalfi, Italy), CSS 2017 (Xi'an, China), CSS 2016 (Granada, Spain), CSS 2015 (New York, USA), CSS 2014 (Paris, France), CSS 2013 (Zhangjiajie, China), CSS 2012 (Melbourne, Australia), CSS 2011 (Milan, Italy), CSS 2009 (Chengdu, China), and CSS 2008 (Sydney, Australia).

The CSS symposium aims to provide a leading-edge forum to foster interaction between researchers and developers with the cyberspace safety and security communities, and to give attendees an opportunity to network with experts in this area. It focuses on cyberspace safety and security, such as authentication, access control, availability, integrity, privacy, confidentiality, dependability, and sustainability issues of cyberspace.

CSS 2019 attracted 235 high-quality research papers highlighting the foundational work that strives to push beyond the limits of existing technologies, including experimental efforts, innovative systems, and investigations that identify weaknesses in existing cyber technology. Each submission was reviewed by at least three experts in the relevant areas, on the basis of their significance, novelty, technical quality, presentation, and practical impact. According to this stringent peer-review process involving about 65 Program Committee members and several additional reviewers, 61 full papers were selected to be presented at the conference, giving an acceptance rate of 26%. Additionally, we also accepted 40 short papers.

CSS 2019 was made possible by the behind-the-scene effort of selfless individuals and organizations who volunteered their time and energy to ensure the success of this conference. We would like thank all authors for submitting and presenting their papers. We also greatly appreciated the support of the Program Committee members and the reviewers. We sincerely thank all the chairs–without their hard work, the success of CSS 2019 would not have been possible.

Last but not least, we would like to thank all the contributing authors and all conference attendees, as well as the great team at Springer that assisted in producing the conference proceedings, and the developers and maintainers of EasyChair.

December 2019

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