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Jieren Cheng · Xiangyan Tang · Xiaozhang Liu (Eds.)

Cyberspace Safety and Security

12th International Symposium, CSS 2020 Haikou, China, December 1–3, 2020 Proceedings



Editors
Jieren Cheng
Hainan University
Haiukou, China

Xiaozhang Liu Hainan University Haikou, China Xiangyan Tang Hainan University Haikou, China

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Preface

The 12th International Symposium on Cyberspace Safety and Security (CSS 2020) is the latest edition in a series of highly successful international events on cyberspace safety and security previously held as CSS 2019 (Guangzhou, China), 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 2012 (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 within the cyberspace safety and security communities, and to give attendees an opportunity to network with experts in this field. It focuses on all areas of cyberspace safety and security, such as authentication, access control, availability, integrity, privacy, confidentiality, dependability, and sustainability. CSS 2020 was held in Haikou, China, during December 1–3, 2020, and organized by Hainan University, China. CSS 2020 attracted 82 high-quality research papers of which 27 were accepted, an acceptance rate of 33%.

The success of CSS 2020 is the result of the behind-the-scenes efforts of selfless individuals and organizations. We would like to thank all the authors. We are also very grateful for the support of the Program Committee members and reviewers, as well as the symposium chairs, without whose hard work the success of CSS 2020 would not have been possible.

Finally, we would like to thank all the contributors and all the conference attendees, the great team at Springer who helped produce the minutes, and the developers and maintainers of EasyChair.

December 2020

Jieren Cheng Xiangyan Tang Xiaozhang Liu

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