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Sushil Jajodia
George Mason University, Center for Secure Information Systems
4400 University Drive, Fairfax, VA 22030-4422, USA
E-mail: jajodia@gmu.edu

Chandan Mazumdar
Jadavpur University, Center for Distributed Computing
Kolkata 7000032, India
E-mail: chandan.mazumdar@gmail.com

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# Foreword from the General Chairs

It was a great pleasure for us to organize the 7th International Conference on Information Systems Security Conference (ICISS) during December 15–19, 2011, at Jadavpur University, Kolkata, at the same venue where ICISS began its journey in 2005. The conference has been held every year since then at different cities in India, the last one (ICISS 2010) was successfully held at Gandhinagar, Gujrat. We are also happy that this year ICISS was held under the aegis of the newly formed Society for Research in Information Security and Privacy (SRISP), which aims to promote research and development in this arena. In the span of the last 7 years, ICISS has followed a strict reviewing policy and the acceptance ratio on average has been 25%. This year, out of 105 submissions, the Program Committee selected 20 full papers and 4 short papers for presentation.

The Program Chairs, Sushil Jajodia and Chandan Mazumdar, with the help of committed Program Committee members and reviewers did an excellent job in completing the review process well within the deadline. They were also able to arrange keynote talks by eminent researchers and practitioners in this field. We would like to record our appreciation to the Program Committee members for their painstaking effort in drawing up a high-quality technical program. We are indebted to David Evans, William Enck, Anupam Dutta and Vipul Goyal for accepting our invitation to deliver keynote talks. The Tutorial Chair, Sarmistha Neogy, had to work hard to come up with four tutorial sessions which were of great help for students and researchers to learn about topics of contemporary interest in the information security field. We would like to thank the tutoral speakers, Bjornan Solhaug, Amiya Bhattacharya, Sourav Sengupta and Rajat Subhra Chakraborty, for agreeing to share their experience.

The Organizing Committee, chaired by Mridul Sankar Barik and Sanjoy Kumar Saha, and the Finance Chair, Anirban Sengupta, worked tirelessly to ensure that the conference can be conducted without any glitch. The effort made by the Publicity Chairs, Claudio Agostino Ardagna and Anil K. Kaushik, in promoting the conference in the international forum is appreciated. We also take this opportunity to thank our sponsors and the Industry Chair, Kushal Banerjee, for their contributions.

December 2011

Arun Kumar Majumdar
Aditya Bagchi

# Foreword from the Technical Program Chairs

This volume contains the papers selected for presentation at the 7th International Conference on Information Systems Security (ICISS 2011) held December 15–19, 2011 in Kolkata, India. Although ICISS was started 7 years ago as an initiative to promote information security-related research in India, from the very beginning it was decidedly an international conference attracting strong participation from researchers from all corners of the globe.

This volume contains four invited papers and 20 long and four short refereed papers that were presented at the conference. The refereed papers, which were selected from the 105 submissions, were rigorously reviewed by the Program Committee members. The resulting volume provides researchers with a broad perspective of recent developments in information systems security.

A special note of thanks goes to the many volunteers whose efforts made this conference a success. We wish to thank Anupam Datta, David Evans, Vipul Goyal, and William Enck for agreeing to deliver the invited talks, the authors for their worthy contributions, and the referees for their time and effort in reviewing the papers. We are grateful to Aditya Bagchi and Arun Majumdar for serving as the General Chairs.

Last, but certainly not least, our thanks go to the members of the Steering Committee on whom we frequently relied upon for advice throughout the year and to Jadavpur University, Kolkata, for hosting the conference.

Finally, this was the first year this conference was held under the aegis of the newly formed Society for Research in Information Security and Privacy (http://www.srisp.org.in/). This is a necessary step to ensure that information systems security research continues to expand in India and that this conference brings together the best in security research from all over the world.

December 2011

Sushil Jajodia
Chandan Mazumdar

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