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Preface

Trusted computing and services is one of the most challenging technologies today and is the core technology of cloud computing that is currently the focus of international competition; its standardization work is the premise and guarantee of the technology's successful application and promotion in industry. The International Standard Conference on Trustworthy Computing and Services (ISCTCS) is hosted by the Key Laboratory of Trustworthy Distributed Computing and Service (BUPT), Ministry of Education, and the Beijing Products Quality Supervision and Inspection Institute in order to lay the foundation for the establishment of the Trusted Computing Service Standards Working Group. Scholars, experts, and corporate leaders from all around the world have a chance to share ideas on technologies involved in trustworthy computing and services, their evolution, application, and industrialization.

The main topics of ISCTCS include: architecture for trusted computing systems, trusted computing platforms, building trusted systems, network and protocol security, mobile network security, network survivability and other critical theories and standard systems; credible assessment, credible measurement and metrics, trusted systems, trusted networks, trusted mobile networks, trusted routing, trusted software, trusted operating systems, trusted storage, fault-tolerant computing and other key technologies; trusted e-commerce and e-government, trusted logistics, trusted Internet of things, trusted cloud and other trusted services and applications.

The conference began with an opening ceremony and the conference program featured five welcome speeches, three keynote speeches, and two presentations by local and international experts. During the 2-day program, all paper presentations were given in four parallel sessions. The conference ended with a closing ceremony. The conference received more than 278 papers, each paper was carefully reviewed by the Program Committee members. Finally, 92 papers were selected.

On behalf of the Organizing and Program Committees of ISCTCS 2012, we would like to express our appreciation to all authors and attendees for participating in the conference. We also thank the sponsors, Program Committee members, supporting organizations, and helpers for making the conference a success. Without their efforts, the conference would not have been possible.

Finally, we hope everyone who attended enjoyed the conference program and also their stay in Beijing. We firmly look forward to the impact of ISCTCS 2012 in promoting the standardization work of trusted computing and services.

July 2012

Yuyu Yuan
Xu Wu
Yueming Lu

Conference Organization

The International Standard Conference on Trustworthy Computing and Services (ISCTCS 2012) was organized by the Key Laboratory of Trustworthy Distributed Computing and Service of BUPT, Ministry of Education, and sponsored by the Beijing Products Quality Supervision and Inspection Institute.

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