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Editors

The Proceedings of the
Second International
Conference on
Communications, Signal
Processing, and Systems

 Springer

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ISSN 1876-1100

ISBN 978-3-319-00535-5

DOI 10.1007/978-3-319-00536-2

Springer Cham Heidelberg New York Dordrecht London

ISSN 1876-1119 (electronic)

ISBN 978-3-319-00536-2 (eBook)

Library of Congress Control Number: 2013950383

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Printed on acid-free paper

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Preface

The Second International Conference on Communications, Signal Processing, and Systems (CSPS) is held in Tianjin during September 1–2, 2013. Tianjin is universally acknowledged for its rich history and cultural development. It is also recognized as a modern international metropolis full of energy and vitality. CSPS 2013 brings together Chinese and international researchers and practitioners in communications, signal processing, and systems together.

The accepted papers of CSPS 2013 are from various regions around the world, which include ten different technical sessions: Wireless Sensor Network and Cognitive Radio System, Image and Video Processing, Circuit Processing System, Millimeter Wave and UWB technology, Radar Signal Processing, Intelligent System and Technology, Wireless Communication and Networks, Localization and Target Detection, Biological Signal Processing, and Sensor and Measuring Network.

The technical program team did an excellent job in soliciting submissions, coordinating the review process, and promoting the technical program. We would like to thank every one of them for taking leadership roles in organizing the various aspects of the technical program.

Also we would like to express our thanks to all members of the organizing committee and all the volunteer reviewers who have been working hard days and nights for this conference. We are grateful to the host institution, Tianjin Normal University, and sponsorships from IEEE Fort Worth Section, University of Texas at Arlington, Beijing University of Posts and Telecommunications, University of Electronic Science & Technology of China (UESTC). Finally, the financial support from the National Science Foundation of China (NSFC), and publication support from Springer are deeply appreciated.

September 2013

Baoju Zhang
Jiasong Mu
Wei Wang
Qilian Liang
Yiming Pi

Welcome Message from the General Chairs

It is our great honor and pleasure to welcome you to Tianjin for the second International Conference on Communications, Signal Processing, and Systems (CSPS) held during September 1–2, 2013. During this conference, scholars and practitioners from all over the world in communications, signal processing, and electronic systems will get together in Tianjin.

Tianjin, a city standing by BoHai Sea, shares a great development of industry. It is famous for its overseas commodities. Additionally, it is the focal point in the country's development of travel and transport, science and technology, and education and communications. It is a remarkable city offering an abundance of ancient and modern architecture, historical relics, churches, assembly halls, natural scenery, temples, museums, commemorative site, and a variety of colorful local flavors and customs.

CSPS 2013 is organized by an international team. The conference features ten technical sessions and two keynote sessions. We invite you to join us by attending the technical and social events held in CSPS 2013.

On behalf of the Organizing Committee, the Technical Program Committee, and all the volunteers who have been working hard for this conference, we warmly welcome you to CSPS 2013 and hope that you will enjoy the conference, and the beautiful city in which it takes place.

Yubao Gao, Tariq S. Durrani, Rabinder N. Madan, Qilian Liang

General Co-Chairs, CSPS 2013

Yubao Gao
Tariq S. Durrani
Rabinder N. Madan
Qilian Liang

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