

PROCEEDINGS OF SPIE

Eleventh International Conference on Signal Processing Systems

Kezhi Mao
Editor

15–17 November 2019
Chengdu, China

Organized by
University of Electronic Science and Technology of China (China)
International Association of Computer Science and Information Technology (Singapore)

Assisted by
Southwest Jiaotong University (China)

Published by
SPIE

Volume 11384

Proceedings of SPIE 0277-786X, V. 11384

SPIE is an international society advancing an interdisciplinary approach to the science and application of light.

Eleventh International Conference on Signal Processing Systems, edited by Kezhi Mao,
Proc. of SPIE Vol. 11384, 1138401 · © 2019 SPIE · CCC code: 0277-786X/19/\$21
doi: 10.1117/12.2564527

Proc. of SPIE Vol. 11384 1138401-1

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Author(s), "Title of Paper," in *Eleventh International Conference on Signal Processing Systems*, edited by Kezhi Mao, Proceedings of SPIE Vol. 11384 (SPIE, Bellingham, WA, 2019) Seven-digit Article CID Number.

ISSN: 0277-786X
ISSN: 1996-756X (electronic)

ISBN: 9781510635456
ISBN: 9781510635463 (electronic)

Published by

SPIE

P.O. Box 10, Bellingham, Washington 98227-0010 USA
Telephone +1 360 676 3290 (Pacific Time) · Fax +1 360 647 1445
SPIE.org

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Introduction

The Eleventh International Conference on Signal Processing Systems (ICSPS 2019), was held in Chengdu, China, 15-17 November 2019.

ICSPS 2019 is co-organized by the University of Electronic Science and Technology of China, China and International Association of Computer Science and Information Technology, Singapore, and assisted by Southwest Jiaotong University, China. The key goal of this conference was to bring academic scientists, engineers, and industry researchers together to exchange and share their expertise, experience and research results, and discuss the challenges and future directions in their specialized areas of research in these fields. The professors from Australia, Canada, China and Hong Kong delivered the keynote speeches, and invited speech about state-of-the-art research in their areas of expertise. In addition, five parallel sessions and one oral session were successfully held with the efforts of all the session chairs and presenters.

This volume includes 52 selected papers submitted to the conference from universities, research institutes and industries. Each contributed paper has been through a rigorous blind peer-review process. They were reviewed by at least two experts who are qualified within the field of signal processing systems. These papers will provide the readers an overview on many recent advances in the fields related to Signal Processing Systems.

We would like to thank all the authors who have contributed to this volume and to the members of the organizing committee, reviewers, speakers, chairpersons, sponsors and the conference participants for their support of ICSPS 2019.

We truly believe that the participants had fruitful discussions and enjoyed the opportunity for future collaborations.

Kezhi Mao

