PROCEEDINGS OF SPIE

Sensors and Systems for Space Applications VIII

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Editors

20–21 April 2015
Baltimore, Maryland, United States

Sponsored and Published by
SPIE

Volume 9469

Proceedings of SPIE 0277-786X, V. 9469

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

Sensors and Systems for Space Applications VIII, edited by Khanh D. Pham,
Genshe Chen, Proc. of SPIE Vol. 9469, 946901 · © 2015 SPIE
CCC code: 0277-786X/15/$18 · doi: 10.1117/12.2202294

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Author(s), "Title of Paper," in *Sensors and Systems for Space Applications VIII*, edited by Khanh D. Pham, Genshe Chen, Proceedings of SPIE Vol. 9469 (SPIE, Bellingham, WA, 2015) Article CID Number.

ISSN: 0277-786X
ISBN: 9781628415858

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

Over the years, the conference on Sensors and Systems for Space Applications has held seven technical meetings. As we reflect back on another successful consecutive offering in science and technology in and from space, several things stand out. Of course, Modular-Open-System Architecture principles and Better Buying Power 3.0 Initiatives—as featured in the invited talk by Dr. Tien Nguyen from The Aerospace Corporation—were quite interesting, and their impact on space enterprise and DoD resilient program acquisition strategies are just beginning. Additionally, a greater understanding of radio interference sources, the impact of radio interference on civil and military communication systems, and cyberization of space systems all occupied significant amounts of our time for paper solicitation. Regarding timely reporting of emerging capabilities for sensors and space systems, we decided to focus on some application areas where advanced science and technologies are making an impact. In particular, the session titles are adaptively categorized each year to represent the changing contents driven by the goal of providing the dual-use civil-military sensors and systems that can be relied upon in congested and contested environments. This year, the technical presentations have been grouped into the following sessions:

- Space Payload Technologies
- Cyber Physical Systems
- Protected Satellite Communications
- Positioning, Navigation, and Tracking
- Space Situational Awareness
- Processing and Exploitation

We are pleased to acknowledge the authors that chose this avenue for the publication of their technical contributions, which have resulted in high-quality work in the SPIE database. We also would like to take this opportunity to thank the members of our program committee and the session chairs for their tireless support to make this conference another success despite continued budget cuts and government travel restrictions. Thanks are also due to the SPIE staff for their invaluable help in making this all possible.

As the conference chairs, we speak for the conference's program committee in saying that we really do need new members and volunteers, and we sincerely want to hear what you have to say. This includes getting help and hearing from you regarding technical (and other) matters, ranging from the way this conference is run to the presentations in this proceeding volume. The program committee and volunteers have gotten us this far and continue to allow us to move forward as a whole.

Lastly, looking ahead to 2016, we wish success to our new committee members for next year. And to you, our readers, many thanks for your continued interest. What more could a conference chair want?

Khanh D. Pham
Genshe Chen