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Marija Strojnik Scholl
Gonzalo Páez
Editors

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Introduction

Once again, the conference on Infrared Remote Sensing and Instrumentation was held in San Diego, California, forming a part of the annual SPIE Optics + Photonics meeting, 16–21 August 2014. SPIE is a technical society dedicated to the advancement of science and engineering through the use of light. We completed the 22nd in the series of these conferences, being among the longest running conferences at the annual meeting. The next meeting will be held again in San Diego during August 2015.

On behalf of the readers of the proceedings, and especially on our own behalf, we wish to express our most profound appreciation to the authors-presenters and the lively audience who had more questions than we were able to accommodate during the sessions. The atmosphere at this conference proves that face-to-face discussions between the presenter and the curious listeners is needed for a true exchange of information, including, occasionally, a difference of opinion. Such lively discussion makes personal participation mandatory.

Nearly 25 papers were presented in this conference, with truly international scientific participation. A couple of presentations were cancelled with advanced warning, so alternate plans were put into action. The majority of presenters found the requisite time to write their research accomplishments up in a technical paper and submit their work for inclusion in the proceedings for future reference. Their work may also be downloaded from the SPIE Digital Library. The SPIE Digital Library continues to expand and offer more benefits to SPIE members, proceedings and journals authors, and readers.

Within the last few years, in the SPIE call-for-papers, there has been inserted a little advisory that all papers are reviewed by the chairs and members of the technical committee. Many SPIE participants used to make an assumption that this is just pro-forma, so our conferences would “look good”. The truth is that each paper is read carefully by at least one chair, for as long as we have been involved in these activities. The conference organization attracts a person who is interested in many subjects, and who enjoys reading about new technology, engineering, and science. The papers at our conference have historically been of the highest levels, so the suggestions have to do mostly with formatting: maybe the European author forgot that the European paper size is different from that in the US, or the format changed automatically because computers know everything better. We believe that one more look at the final accomplished work makes the paper even better, and the conference proceedings book becomes even more useful as a reference.

Special thanks must be extended to the SPIE staff for providing friendly guidance and organizational support to meet all the deadlines. Organizing a technical conference and publishing Proceedings involves the hard work of a team of dedicated and knowledgeable people whose discrete advice to the chairs makes a conference a success. We thank them for their efficient assistance.

Marija Strojnik
Gonzalo Páez