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Charles M. Falco
Xudong Jiang
Editors

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Introduction

The International Conference on Digital Image Processing is initiated by Wuhan University, China, and the International Association of Computer Science and Information Technology and assisted by Nanyang Technological University, Singapore, and many other universities and institutes every year. This year's ICDIP 2015 was held 9–10 April in Los Angeles, California, United States and marks the seventh year of this annual conference. Previous conferences included: ICDIP 2009 (Bangkok, Thailand), ICDIP 2010 (Singapore), ICDIP 2011 (Chengdu, China), ICDIP 2012 (Kuala Lampur, Malaysia), ICDIP 2013 (Beijing, China) and ICDIP 2014 (Athens, Greece). The 2015 Conference Chair was Charles M. Falco, University of Arizona, United States.

The conference was organized to gather members of our international community of scientists so that researchers from around the world could present their cutting edge work and expand our community's knowledge and insight into the significant challenges currently being addressed by that research. The conference program committee was quite diverse and truly international, with members from the Americas, Europe, Asia, Africa and Oceania.

This proceedings volume contains fully referenced papers presented at ICDIP 2015. The conference theme this year was Digital Image Processing. The main goal of the conference was to provide international scientific forums for the exchange of new ideas and in-depth interaction through discussions with peers from around the world. The conference solicited and gathered technical research submissions related to all aspects of digital image processing. All of the submitted papers in these proceedings have been peer reviewed by members of the scientific committee, external reviewers, and editorial board members, depending on the subject matter of the paper. Review and initial selection was conducted electronically. After the rigorous peer-review process, the submitted papers were selected on the basis of originality, significance, and clarity for the purpose of the conference. The selected papers and additional late-breaking contributions presented as lectures made for an exciting technical program. The high quality of the program, which was guaranteed by the presence of an unparalleled number of internationally recognized top experts, can be assessed when reading the program contents. The conference was a unique event, where attendees were able to appreciate the latest results in their fields of expertise, as well as acquire additional knowledge in other fields.

We are grateful to all those who contributed to the success of ICDIP 2015. We would like to thank the program chairs, organization staff, and the members of the program committees for their work. Thanks also go to the staff of SPIE for their great support in publishing the proceedings. We hope that all participants and other interested readers benefit scientifically from these proceedings and find them stimulating, as well.

Finally, we hope that you had a unique, rewarding, and enjoyable week at ICDIP 2015 in Los Angeles.

ICDIP 2015 Organizing Committees