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Introduction

We had the great honor of organizing the Eighth International Conference on Digital Image Processing (ICDIP 2016). It was truly a great pleasure for us to greet more than 250 participants from many different countries. We firmly believe that ICDIP will become an important international event in the field of Digital Image Processing.

The Eighth International Conference on Digital Image Processing (ICDIP 2016) was co-sponsored by Sichuan Province Computer Federation, International Association of Computer Science and Information Technology, Chengdu University of Information Technology and Chinese Academy of Sciences Chengdu Institute of Computer Applications, and assisted by Sichuan University, University of Electronics Science and Technology of China, Southwest Jiaotong University, and Chengdu Young Education Consulting Co., Ltd.

The objective of this conference was to provide a platform for the participants to report and review innovative ideas and up-to-date progress and developments and discuss novel approaches to application in the digital image processing field. It is sincerely hoped that the research and development in digital image processing will be improved and the international cooperation sharing the common interest enhanced.

On behalf of other Co-Chairs, and the Organization Committee of ICDIP 2016, we would like to express our heartfelt thanks for our sponsors and cooperating organizers for all they have done for ICDIP 2016. Thanks also to all the authors for their contributions to the proceedings, to all of the participants and friends for their interest and efforts in helping us to make it possible, to the Program Technical Committee for their effective work and valuable advice, the Conference Secretary, and to the editors at SPIE for their tireless efforts and outstanding service in preparing and publishing the proceedings.

Xudong Jiang