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Introduction

Dear Distinguished Delegates and Guests,

The organizing committee warmly welcomed our distinguished delegates and guests to the 2011 3rd International Conference on Digital Image Processing – (ICDIP 2011) held 15–17 April 2011 in Chengdu, China.

The ICDIP 2011 was cosponsored by International Association of Computer Science and Information Technology (IACSIT) and Singapore Institute of Electronics, and supported by the University of Electronics Science and Technology of China (UESTC). The conference was organized to gather members of our international community scientists so that researchers from around the world could present their cutting edge work, expanding our community's knowledge and insight into the significant challenges currently being addressed in that research. The conference program committee was quite diverse and truly international, with membership from the Americas, Europe, Asia, Africa and Oceania.

This proceeding volume contains fully refereed papers presented at the ICDIP 2011. The main conference themes and tracks are digital image processing. The main goal of these events is to provide international scientific forums for exchange of new ideas in a number of fields that interact in-depth through discussions with their peers from around the world. Both inward research; core areas of digital image processing and outward research; multidisciplinary, interdisciplinary, and applications were covered during these events.

The conference solicited and gathered technical research submissions related to all aspects of major conference themes and tracks. All of the submitted papers in these proceedings have been peer reviewed by the reviewers drawn from the scientific committee, external reviewers and editorial board depending on the subject matter of the paper. Reviewing and initial selection were undertaken 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 to be presented as lectures made for an exciting technical program. The conference program was extremely rich, featuring high-impact presentations.

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 contents of the program. The conference was therefore a unique event, where attendees were able to appreciate the latest results in their field of expertise, and to acquire additional knowledge in other fields. The program was structured to favor interactions among attendees coming from

many diverse horizons, scientifically, geographically, from academia and from industry.

We are grateful to all those who have contributed to the success of ICDIP 2011. We would like to thank the program chairs, organization staff, and the members of the program committees for their work. We hope that all participants and other interested readers benefit scientifically from these proceedings and also find it stimulating in the process.

Finally, we hope that you had a unique, rewarding, and enjoyable week at ICDIP 2011 in Chengdu, China.

With our warmest regards,

The ICDIP 2011 Organizing Committees