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Yi Xie**
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Introduction

International Conference on Digital Image Processing (ICDIP) 2010 is sponsored by International Association of Computer Science and Information Technology (IACSIT). If you have attended a conference sponsored by IACSIT before, you are aware that the conferences together report the results of research efforts in a broad range of computer science and Information technology. These conferences are aimed at discussing the wide range of problems encountered in present and future high technologies. ICDIP 2010 is organized to gather members of our international community of scientists so that researchers from around the world can present their leading-edge work, expanding our community's knowledge and insight into the significant challenges currently being addressed in that research. The conference Program Committee is itself quite diverse and truly international, with membership from the Americas, Europe, Asia, Africa and Oceania.

This proceedings volume contains the fully refereed papers presented at the conference. The main conference themes and tracks involve digital image processing. The main goal of these events is to provide an international scientific forum for the 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 (multi-disciplinary, inter-disciplinary, and applications) will be covered during these events.

The conference has solicited and gathered technical research submissions related to all aspects of major conference themes and tracks. All 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 will make an exciting technical program. The conference program is extremely rich, featuring high-impact presentations.

The high quality of the program, 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 will therefore be a unique event, where attendees will be able to appreciate the latest results in their field of expertise, and to acquire additional knowledge in other fields. The program has been structured to favor interactions among attendees coming

from many diverse horizons, scientifically, geographically, from academia and from industry. These interaction will include social events at prestigious sites.

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