

Preface

Dear Distinguished Authors and Guests,

The Organizing Committee warmly welcomes you to International Conference on Applied Mechatronics and Android Robotics (ICAMAR2013) (TTP Conference ID: 875), held on 13-14 July, 2013 in Taipei, Taiwan.

The aim of the ICAMAR2013 is to present the latest research and results of scientists (professors, students, PhD Students, engineers, and post-doc scientist) related to Applied Mechatronics and Android Robotics topics. This conference provides opportunities for the different areas delegates to exchange new ideas and application experiences face to face, to establish business or research relations and to find global partners for future collaboration.

After the 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 presentation. We hope that the conference results constituted significant contribution to the knowledge in these up to date scientific field.

The proceeding records the fully refereed papers presented at the conference. The main conference themes and tracks are Applied Mechatronics and Android Robotics: Robot Design, Motion Planning and Robot Control, System of Automation, Control and Measurement, Manufacturing and Industry Engineering, Information System, Data Processing and Network Application. Hopefully, all participants and other interested readers benefit scientifically from the proceedings and also find it stimulating in the process.

On behalf of the organizing committee, I would like to especially thank Saskia, Anne, Tanja, Dorthe and all the editors from Trans Tech Publications for their great support to ICAMAR2013. Without their excellent editorial work, ICAMAR2013 will not be published so timely and successfully.

Finally we wish all the authors and attendees of ICAMAR2013 a unique, rewarding and enjoyable memory at ICAMAR2013 in Taipei, Taiwan. We look forward to your participation in the 2nd ICAMAR2014.

With our warmest regards,

Ching-Kuo Wang

The ICAMAR2013 Conference Organizing Chair

August 10, 2013

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