

2013 AASRI Conference on Parallel and Distributed Computing and Systems

Preface

The 2013 AASRI Conference on Parallel and Distributed Computing and Systems (DCS 2013) will be held on May 1-2, 2013, Singapore. The goal of this conference is to bring together the researchers from academia and industry as well as practitioners to share ideas, problems and solutions relating to the multifaceted aspects of Parallel and Distributed Computing and Systems.

The Conference attracted more than 90 excellent manuscripts from at least 15 countries and areas such as Algeria, Austria, Brazil, China, Hong Kong, India, Indonesia, Jordan, Korea, Malaysia, Mexico, Pakistan, Thailand, Tunisia, United Kingdom. For a high quality proceedings, All the papers were evaluated by peer reviewing with minor modifications, more than 55 papers were accepted partly with modifications and 25 papers were weakly accepted and 10 papers were rejected. At last more than 40 selected papers in this proceedings provides up-to-date, comprehensive and worldwide state-of-the technology and knowledge in Parallel and Distributed Computing and Systems.

After the excellent keynote presentations on May 1st, authors from different countries and areas participated warmly discussions for their viewpoints with dividing into 4 sessions by paper topics: 1) 16 papers stress on the technologies and applications of Parallel and Distributed Computing and Systems in Communication and sensor network; 2) 12 papers talk about the advanced theories and achievement in “Distributed and Parallel Computing”; 3) 11 papers shared their research about Parallel and Distributed Computing in Computer and Internet Application. 4) 2 papers is about III.Mobile and Embedded Systems.

The Conference Committee has decided to publish the American Applied Sciences Research Institute Procedia of Elsevier Ltd, which will be submitted for indexing of ScienceDirect ,Scopus and others famous academic databases.

The committee expresses its entire gratitude to all the authors who presented their works as the Conference DCS2013 and contributed in this way to the success of this event. Special thanks are due to the authors from many countries for attending the conference and to the reviewers for their support in improving the quality of the papers and finally for the assurance the quality of this volume. The organizing committee also addresses warmest thanks to all the members of the international committee for their support, and too many others for their contribution in organizing DCS2013 .

We hope that the contents of this volume will prove useful for researchers in Parallel and Distributed Computing field and practitioners in developing and applying new theories and technologies .

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