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# Advanced Infocomm Technology

5th IEEE International Conference, ICAIT 2012  
Paris, France, July 25-27, 2012  
Revised Papers



Springer

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ISSN 0302-9743

e-ISSN 1611-3349

ISBN 978-3-642-38226-0

e-ISBN 978-3-642-38227-7

DOI 10.1007/978-3-642-38227-7

Springer Heidelberg Dordrecht London New York

Library of Congress Control Number: 2013937822

CR Subject Classification (1998): C.2, H.4, K.6.5, K.6, D.4.6, D.2

LNCS Sublibrary: SL 5 – Computer Communication Networks and Telecommunications

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*Typesetting:* Camera-ready by author, data conversion by Scientific Publishing Services, Chennai, India

Printed on acid-free paper

Springer is part of Springer Science+Business Media ([www.springer.com](http://www.springer.com))

# Preface

These are the post-proceedings of ICAIT 2012, the 5th IEEE International Conference on Advanced Infocomm Technology. The conference was held at the ESIEA IT School, Paris, France, during July 25–27, 2012. This 3-day event provided a platform for introducing advanced infocomm technologies that will shape the next generation of information and communication systems and technology platforms.

The call for papers requested anonymous submissions of full papers. There were 97 submissions from ICAIT 2012, from 19 countries and regions (Algeria, Australia, Brazil, Canada, China, France, India, Italy, Japan, Korea, Morocco, Pakistan, Portugal, Sweden, Taiwan, Tunisia, Turkey, UK, and USA), of which 32 papers were selected for presentation in eight sessions. All submissions were reviewed by at least three experts in the relevant fields.

Beside the regular selected papers sessions, the program also included four invited talks by Bezalel Gavish (“Energy-Based Limits on Computing Capacity and on Human Computing Ability”), Henri Binsztok (“Making a Breakthrough in Cloud Application Design”), Raouf Boutaba (“On Managing Heterogeneity in Production Cloud Computing Environments”) and Yacine Ghamri-Doudane (“Towards Urban Vehicular Networking”).

These proceedings gather the final versions of all papers revised after the conference. Since the revised versions were not checked for correctness of their scientific aspects, the authors bear the full responsibility for the content of their papers.

I am very grateful to all the Technical Program Committee members who dedicated much effort and valuable time to reading and selecting the papers, but also especially commenting on the papers so as to give the opportunity to their authors to produce better articles. I also thank the external experts and external reviewers who assisted the Technical Program Committee in evaluating various papers.

Submitting papers and reviews, dispatching of the reviews and notifications to authors was powered by the excellent web-based software OpenConf Peer Review & Conference Management System, from Zakon Group LLC.

I would like to thank everyone who submitted their papers to ICAIT 2012, including those whose submissions were not successful, as well as the conference attendees from around the world, for their support, which made this conference a huge success.

Finally, I hope these proceedings will be helpful for your future research.

# ICAIT 2012

5th IEEE International Conference on Advanced Infocomm Technology  
ESIEA IT School, Paris, France  
July 25–27, 2012

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