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Alamin Mansouri · Abderrahim El Moataz  
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# Image and Signal Processing

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Proceedings

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# Preface

ICISP 2018, the International Conference on Image and Signal Processing, was the eighth ICISP conference, and was held in Cherbourg, France. Historically, ICISP is a conference resulting from the actions of researchers from Canada, France, and Morocco. Previous editions of ICISP were held in Cherbourg-Octeville (France, 2008 and 2014), in Trois-Rivières, Québec (Canada, 2010 and 2016), and in Agadir (Morocco, 2001, 2003, and 2012). ICISP 2018 was sponsored by EURASIP (European Association for Image and Signal Processing) and IAPR (International Association for Pattern Recognition).

The response to the call for papers for ICISP 2018 was encouraging. From 122 recorded submissions, 58 papers were finally accepted. The review process was carried out by the Program Committee members, who are all experts in various image and signal processing areas. An average of 2.2 reviews per paper were recorded. The quality of the papers in these proceedings is attributed first to the authors, and second to the quality of the reviews provided by the experts. We would like to thank the authors for responding to our call, and we thank the reviewers for their excellent work.

For this edition, ICISP was pleased to host the International Symposium on Multispectral Color Science (MCS 2018) as a special track, as well as other special sessions: Digital Cultural Heritage (supported by the ANR - SUMUM) and Bipedsal Signal, Image and Video processing.

We were very pleased to be able to include in the conference program keynote talks by world-renowned experts: Stanley Osher, (University of California Los Angeles, USA), Jean Ponce (Ecole Normale Supérieure, France), Pierre Vanderghenst (EPFL, Switzerland), Joachim Weickert (Saarland University, Germany), Livio De Luca (MAP-CNRS, France). For MCS 2018 Edoardo Provenzi (Math-Info, University of Bordeaux, France).

We would also like to thank the members of the local committee for their advice and help. We would like to thank Olivier Lézoray for his advice and all the material he provided to prepare these proceedings. The proceedings preparation was also eased thanks to the EasyChair platform.

We are also grateful to Springer's editorial staff for supporting this publication in the LNCS series. Finally, we were very pleased to welcome all the participants to this conference. For those who did not attend, we hope this publication provides a good view into the research presented at the conference, and we look forward to meeting you at the next edition of ICISP conference.

May 2018

Alamin Mansouri  
Abderrahim Elmoataz  
Fathallah Nouboud  
Driss Mamass

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