

# Preface

This volume contains the articles accepted for presentation at the 13th International Symposium on Mathematical Morphology (ISMM 2017), held in Fontainebleau, France, during May 15–17, 2017. The 12 previous editions of this conference were very successful, and the ISMM has established itself as the main scientific event in the field. We were delighted to celebrate the 50th anniversary of the foundation of the Center for Mathematical Morphology (CMM) and connect it with the second and third generations of worldwide mathematical morphology researchers by hosting ISMM 2017 at the CMM, on the campus of MINES ParisTech, in Fontainebleau.

We received 53 high-quality papers, each of which was sent to at least three Program Committee members for review. Based on 161 detailed reviews, we accepted 40 papers. A few of these papers were accepted after a substantial revision by the authors in response to reviewer comments. The authors of these 40 articles are from 15 different countries: Australia, Austria, Brazil, France, Germany, Greece, India, Japan, The Netherlands, Poland, Serbia, Sweden, Turkey, USA, and UK.

The ISMM 2017 papers highlight the current trends and advances in mathematical morphology, be they purely theoretical contributions, algorithmic developments, or novel applications, where real-life imaging and computer vision problems are tackled with morphological tools.

We wish to thank the members of the Program Committee for their efforts in reviewing all submissions on time and giving extensive feedback. We would like to take this opportunity to thank all the other people involved in this conference: firstly, the Steering Committee for giving us the chance to organize ISMM2017; secondly, the three invited speakers, Dan Claudiu Cireşan, Stephane Gaubert, and Pierre Vanderghelynst, for accepting to share their recognized expertise; and finally, the most important component of any scientific conference, the authors for producing the high-quality and original contributions. We acknowledge the EasyChair conference management system that was invaluable in handling the paper submission and review process and putting this volume together. Last but not least, we would like to thank the financial and logistic support of our institution, MINES ParisTech, and the members of the local Organizing Committee, especially Anne-Marie De Castro.

March 2017

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Mathematical Morphology and Its Applications to Signal  
and Image Processing

13th International Symposium, ISMM 2017,

Fontainebleau, France, May 15–17, 2017, Proceedings

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2017, XIV, 500 p. 204 illus., Softcover

ISBN: 978-3-319-57239-0