

IVAPP 2015

6th International Conference on Information
Visualization Theory and Applications

Berlin
Germany

11 - 14 March, 2015

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IVAPP 2015

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Berlin, Germany

11 - 14 March, 2015

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SELECTED PAPERS BOOK

A number of selected papers presented at IVAPP 2015 will be published by Springer-Verlag in a CCIS Series book. This selection will be done by the Conference Chair and Program Co-chairs, among the papers actually presented at the conference, based on a rigorous review by the VISIGRAPP 2015 Program Committee members.

FOREWORD

This book contains the proceedings of the 6th International Conference on Information Visualization Theory and Applications (IVAPP 2015) which was organized and sponsored by the Institute for Systems and Technologies of Information, Control and Communication (INSTICC), in cooperation with ACM SIGGRAPH and technically co-sponsored by IEEE Computer Society, IEEE VGTC and IEEE Technical Committee on Multimedia Computing.

We hope that the IVAPP 2015 proceedings demonstrate new and innovative solutions, and highlights technical problems that are challenging and worthwhile. IVAPP was organized to promote a discussion forum between researchers, developers, manufacturers, and end-users about the conference's research topics and to establish guidelines in the development of more advanced visualization solutions.

We received 54 paper submissions in total for this edition of IVAPP with contributions from all five continents which attest to the success and global dimension of IVAPP. 8 papers were selected for publication as full papers; 16 papers were accepted for short presentations, and 12 submissions were accepted for poster presentations. The result was of 15% of the papers accepted as full-paper and an oral-paper acceptance ratio of 44%, and a high-quality program that is attractive to many experts in Information Visualization and related areas.

We hope that this conference proceedings—also submitted for indexation by Thomson Reuters Conference Proceedings Citation Index, INSPEC, DBLP, and EI—may help the Visualization community to discover new interesting research challenges. Furthermore, extended versions of a short list of presented papers will be selected for publication in a forthcoming book of VISIGRAPP Selected Papers to be published by Springer during 2015 in the CCIS series. All papers presented at this conference will be available at the SCITEPRESS Digital Library too.

The conference schedule included a Doctoral Consortium, which will certainly provide an opportunity for graduate students to explore their research interests in an interdisciplinary workshop, under the guidance of a panel of distinguished experts in the field.

Moreover, we are proud to inform that the program also includes four plenary keynote lectures, given by internationally distinguished researchers, namely Andrea Cavallaro (Queen Mary University of London, United Kingdom), Daniel Thalmann (Nanyang Technological University, Singapore), Gerik Scheuermann (Universität Leipzig, Germany) and Mauro Barni (Università di Siena, Italy), thus contributing to increase the overall quality of the conference and to provide a deeper understanding of the conference's interest fields.

Finally, we would like to express our thanks, first of all, to the authors of the technical papers, whose work and dedication made it possible to put together a program that is very exciting and of high technical quality. Next, we would like to thank all the members of the program committee and auxiliary reviewers who helped us with their expertise and time.

We would also like to thank the invited speakers for their invaluable contribution and for sharing their vision in their talks. Special thanks should be addressed to the INSTICC Steering Committee whose invaluable work made this event possible.

We wish you all an exciting conference and an unforgettable stay in Berlin, Germany. We hope to meet you again for the next edition of IVAPP, details of which are available at <http://www.ivapp.visigrapp.org>.

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