VISUAL 2018

Forward

The Third International Conference on Applications and Systems of Visual Paradigms (VISUAL 2018), held between June 24, 2018 and June 28, 2018 in Venice, Italy, continued the inaugural event in putting together complementary domains where visual approaches are considered in a synergetic view.

Visual paradigms were developed on the basis of understanding the brain's and eye's functions. They spread over computation, environment representation, autonomous devices, data presentation, and software/hardware approaches. The advent of Big Data, high speed images/camera, complexity and ubiquity of applications and services raises several requests on integrating visual-based solutions in cross-domain applications.

We take here the opportunity to warmly thank all the members of the VISUAL 2018 technical program committee, as well as all the reviewers. The creation of such a high quality conference program would not have been possible without their involvement. We also kindly thank all the authors who dedicated their time and effort to contribute to VISUAL 2018. We truly believe that, thanks to all these efforts, the final conference program consisted of top quality contributions.

We also gratefully thank the members of the VISUAL 2018 organizing committee for their help in handling the logistics and for their work that made this professional meeting a success.

We hope that VISUAL 2018 was a successful international forum for the exchange of ideas and results between academia and industry and to promote further progress in the area of applications and systems of visual paradigms. We also hope that Venice, Italy provided a pleasant environment during the conference and everyone saved some time to enjoy the unique charm of the city.

VISUAL 2018 Chairs

VISUAL Steering Committee

Vijayan K. Asari, University of Dayton, USA Robert S. Laramee, Swansea University, UK Luciano Pereira Soares, Insper, Brazil Jibonananda Sanyal, Oak Ridge National Laboratory | Mississippi State University, USA Irene Yu-Hua Gu, Chalmers University of Technology, Sweden

VISUAL Industry/Research Advisory Committee

Kresimir Matkovic, VRVis Research Center, Vienna, Austria Jinrong Xie, eBay Inc., USA Afzal Godil, National Institute of Standards and Technology, Gaithersburg, USA Silvia Biasotti, Consiglio Nazionale delle Ricerche, Genova, Italy Carolin Helbig, Helmholtz Centre for Environmental Research (UFZ), Germany