

Preface

Welcome to the proceedings of Edutainment 2016, the 10th International Conference on E-Learning and Games, which was held during April 14–16, in Hangzhou, China.

Edutainment stands for education and entertainment, and the Edutainment conference series covers not only the research issues of game-based learning, but also the issues of learning experiences that may be gained from entertainment. The series provides an international forum for researchers and practitioners in various disciplines to share and exchange experiences in the emerging research area combining education and entertainment. Initiated in Hangzhou, China, in 2006, the conference has been held in many places including Hong Kong (2007), Nanjing (China, 2008), Banff (Canada, 2009), Changchun (China, 2010), and Taiwan (2011).

This year, we sought contributions from academic researchers and industry players to advance the technology in all fields related to education and entertainment, aiming to address the various challenges currently faced by multi-disciplinary communities from pedagogy, mobile applications, computer graphics to multimedia, augmented/virtual reality and computer games. Edutainment 2016 received about 50 submissions. Each submission was reviewed at least two reviewers from our international Program Committee. In the end, 30 papers were accepted for presentation at the conference. The accepted submissions cover a very wide range of topics, including e-learning, digital culture heritage, computer games, computer graphics, and image processing. Parallel to the main track of the conference, the workshop on Intelligent Data Analytics and Visualization was also hosted, with eight submissions accepted and also included in these proceedings.

We would like to thank all the members of the Program Committee for their hard work in reviewing the papers and providing valuable feedbacks to the authors for the improvement and continuation of their research. Many thanks also go to our three keynote speakers, Prof. Feng Dong from University of Bedfordshire (UK), Prof. We Chen from Zhejiang University (China), and Associate Prof. Robert S. Laramée from Swansea University (UK), for their inspirational plenary talks to the conference delegates. Last but not least, we would like to thank Hangzhou Normal University (Hangzhou, China) for hosting and organizing the conference.

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Papers

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