

Preface

This volume contains the papers presented at SG 2015: the 13th International Symposium on Smart Graphics held during August 26–28, 2015, in Chengdu, China.

This year, the committee decided to accept 16 full papers organized in four technical sessions, together with four posters and live demonstrations. Each submission was reviewed by at least three, and on average 3.1, Program Committee members. The program also included two invited talks from leading researchers – Xiang Cao, CEO of Xiaoxiaoniu Creative Technologies, China, and Shigeo Takahashi from the University of Aizu, Japan, whom we would like to thank again for their participation.

Originally, Smartgraphics started as a satellite event of the American Association for Artificial Intelligence AAAI Spring Symposium back in 2000, and then continued as its own conference series with Springer LNCS publications, in cooperation with SIGCHI, SIGGRAPH, Eurographics and AAAI. By building its foundations on a strong pluridisciplinary approach mixing computer graphics, artificial intelligence, human–computer interaction, and cognitive sciences, Smartgraphics has always been a unique venue and a unique experience in collectively trying to define the essence of what makes graphical applications smart. How to better understand the user, to analyze the tasks, to display the relevant information, to let the computer take decisions without taking power? And the advent of new interaction modalities in everyday applications such as tactile surfaces or 3D interfaces makes the interest in *smart* graphics even stronger. Fifteen years after the first AAAI event, the conference has kept the same spirit: a lively place where it is nice to meet, expose, and exchange new ideas.

While the event has been mostly held in European countries and in the USA, it is interesting to witness how its center of gravity has recently shifted toward eastern countries, Kyoto in 2007, Taipei, in 2014, and this year Chengdu. The strong interest in graphics and interaction from Chinese research and industrial communities makes China and the Southwestern University for Nationalities an ideal place to host such an event.

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