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Preface

The International Symposium on Smart Graphics serves as a scientific forum that attracts researchers and practitioners from the fields of computer graphics, artificial intelligence, cognitive science, human–computer interaction, interface design, and information visualization. Initiated by Andreas Butz, Antonio Krüger, and Patrick Olivier, Smart Graphics has been continued as a series of annual events in Asia, North America, and Europe for more than a decade now. The 11th International Symposium on Smart Graphics was held in Bremen, Germany, during July 18–20, 2011.

Frieder Nake, one of the prominent pioneers of computer art, provided a friendly welcome and invited the Smart Graphics community to the compArt Center of Excellence Digital Art at the University of Bremen. In an evening talk, he also shared insights from his interdisciplinary activities and research in computer art, computer graphics, human–computer interaction, and semiotics.

Tracy Hammond, director of the Sketch Regnition Lab at the Texas A&M University, kindly followed our invitation to give an evening talk on sketch-based interfaces and intelligent user interfaces. Tracy Hammond holds a PhD from MIT where she worked with Randall Davis in the Computer Science and Artificial Intelligence Laboratory.

For their dedicated attention and careful review work, we sincerely thank our Program Committee members and external reviewers—experts in computer graphics, artificial intelligence, human–computer interaction, interface design, and other areas relevant to Smart Graphics. Several authors reported that the extensive reviews they received contained very insightful remarks and references that helped to improve their work. Three reviews were collected for each submission throughout all categories (full papers, short papers, and artistic works or system demonstrations). The acceptance rate was 43.48% in the main category this year: 10 out of 23 full-paper submissions were selected for publication in these proceedings. This is accompanied by 16 contributions that were accepted as short papers or system demonstrations.

We encourage all authors to continue submitting to the Smart Graphics symposium series, and we wish all of you good luck and success with your future research.

July 2011

Lutz Dickmann
Gerald Volkmann
Rainer Malaka
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The 11th International Symposium on Smart Graphics was organized and sponsored by the TZI Center for Computing and Communication Technologies at the University of Bremen. Additional support was provided by the compArt Center of Excellence Digital Art in Bremen and by the OFFIS Institute for Information Technology in Oldenburg.

Smart Graphics 2011 was held in cooperation with the Eurographics Association (EG), the Association for the Advancement of Artificial Intelligence (AAAI), ACM SIGGRAPH, ACM SIGCHI and ACM SIGART.
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