



Eurographics 2009

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Areas Papers

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Preface

This year the annual conference of the European Association for Computer Graphics, “Eurographics,” introduces a new “Areas” track. For this first year, the two areas of focus for the program are Computational Graphics and Interactive Visual Exploration of Heterogeneous Geospatial Information. The Computational Graphics focus emphasizes the creation of accelerated graphics pipelines for new graphical techniques and systems. The Interactive Visual Exploration of Heterogeneous Geospatial Information focus promotes geospatial information systems as one of the driving applications for computer graphics techniques, acknowledging the efforts that have been put into the development of new architectures for visual computing and rendering

An international committee of eleven experts in the field supervised the review process and a minimum of three committee members were selected to validate the quality of each submitted paper. Based on the reviews, recommendations, and their own evaluation of the papers, the co-chairs then chose the following eight papers for the program:

- Visualizing Heterogeneous Utility Data: A Case for Aesthetic Design
- Supporting Interactive Haptic Shaping of 3D Geologic Surfaces with Deformation Property Painting
- A Web-Enabled Geovisual Analytics Tool Applied to OECD Regional Data
- Visualization Framework For the Integration and Exploration of Heterogeneous Geospatial Data
- RASTeR : Simple and Efficient Terrain Rendering on the GPU
- GPU Ray-Casting for Scalable Terrain Rendering
- Hybrid Ambient Occlusion
- A Hybrid GPU Rendering Pipeline for Alias-Free Hard Shadows

Needless to say, the Eurographics Areas track would not be possible without the help and support of many individuals. First and foremost, we would like to thank all of the authors for submitting such high-quality papers. Secondly, we wish to thank the program committee for their hard work, professionalism, and timely completion of all the reviews. Last but not least, we thank the Eurographics 2009 co-chair, Rüdiger Westermann, for his guidance throughout the selection and organization process.

David Ebert and Jens Krüger
Areas Co-Chairs, Eurographics 2009
February 2009

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