Eurographics 2009

State of the Art Reports

STARs Co-Chairs

Mark Pauly, ETH Zurich, Switzerland

Günther Greiner, University of Erlangen-Nuremberg, Germany

Table of Contents

ST1

*Carlos A. Vanegas, Daniel G. Aliaga, Peter Wonka, Pascal Müller, Paul Waddell,
and Benjamin Watson*

ST2

*Francesco Banterle, Kurt Debattista, Alessandro Artusi, Sumanta Pattanaik,
Karol Myszkowski, Patrick Ledda, Marina Bloj, and Alan Chalmers*

ST3

H. van Welbergen, B. J. H. van Basten, A. Egges, Zs. Ruttkay, and M. H. Overmars

ST4

Tony McLoughlin, Robert S. Laramee, Ronald Peikert, Frits H. Post, and Min Chen

ST5

Li-Yi Wie, Sylvain Lefebvre, Vivek Kwatra, and Greg Turk

ST6

Andreas Kolb, Erhardt Barth, Reinhard Koch, and Rasmus Larsen

Preface

State-of-the-Art Reports (STARs) provide useful novel overviews of research in computer graphics and related fields. They are essentially survey papers in important areas that have not been covered before or recently. Their aim is to give a detailed account of the principles, algorithms and open problems of a research area, so that an interested reader can quickly acquire a grasp of that area.

This year we received fourteen high-quality and well-written STAR submissions which were all peerreviewed. Among them we had to select just six STARs for the EG09 programme. The selection was difficult particularly because it was necessary to consider, apart from the review scores, the construction of a balanced and attractive STAR programme. Topics range from HDR imaging, texture synthesis, modeling of urban space, visualization ToF acquisition to character animation

The speakers are leaders in their fields and we are thus convinced that this year's STAR programme is particularly attractive.

Mark Pauly
Günther Greiner
EG 2009 STARs co-chairs

Author Index