

# HiGraphics 2010

Tagungsprogramm



**Sonntag, 14.03.10**

**19:00 Uhr - 20:15 Uhr**

**Ellen Dekkers (Aachen):**

A Sketching Interface for Feature Curve  
Recovery of Free-Form Surfaces

**Michael Martinek (Erlangen):**

Efficient Volumetric Voxelization

**David Bommes (Aachen):**

Accurate Computation of Geodesic  
Distance Fields for Polygonal Curves on  
Triangle Meshes

**20:30 Uhr - 21:45 Uhr**

**Lorenz Rogge (Braunschweig):**

Vizualization of the Continental Drift in  
Real-Time

**Arne Schmitz (Aachen):**

Parallel Rasterization Algorithms for 2D  
Beamtracing

**Stefan Gumhold (Dresden):**

Kernel-based Snow Cover Generation  
with Bridges and Overhangs

**Donnerstag, 11.03.10**

**19:00 Uhr - 20:15 Uhr**

**Gerard Pons (Hannover):**

Human motion capture fusing video and  
inertial sensors

**Andreas Baak (MPI Saarbrücken):**

Stabilizing Motion Tracking Using  
Retrieved Motion Priors

**Laura Leal (Hannover):**

Tracking and classification of swimming  
microorganisms

**20:30 Uhr - 21:45 Uhr**

**Michael Schwarz (MPI Saarbrücken)**

A Question of Time: Importance and  
Possibilities of High Refresh Rates

**Kai Berger (Braunschweig)**

Detecting ghosting artifacts in interpolated  
images

**Christian Eisenacher (Erlangen):**

Data-parallel Micropolygon Rasterization

**Freitag, 12.03.10**

**19:00 Uhr - 20:15 Uhr**

**Martin Bokeloh (MPI Saarbrücken):**  
Inverse Procedural Modelling

**Lars Krecklau (Aachen):**  
Generalized Use of Non-Terminal  
Symbols for Procedural Modeling

**Stephan Wenger (Braunschweig):**  
Compressed Sensing in Radio  
Interferometry

**20:30 Uhr - 21:45 Uhr**

**Benjamin Höferlin (Stuttgart):**  
Video Visual Analytics for Tracked Moving  
Objects

**Markus Höferlin (Stuttgart):**  
Video Visualization for Snooker Skill  
Training

**Philipp Heim (Stuttgart):**  
Interactive Relationship Discovery via the  
Semantic Web

**Samstag, 13.03.10**

**19:00 Uhr - 20:15 Uhr**

**Evgenij Derzapf (Marburg):**  
Parallel View-Dependent Refinement of  
Compact Progressive Meshes

**Matthias Nießner (Erlangen):**  
Fast Indirect Illumination using Layered  
Depth Images

**Jan Novak (Stuttgart):**  
Path Regeneration for Interactive Path  
Tracing

**20:30 Uhr - 21:45 Uhr**

**Thorsten Thormähen (MPI Saarbrücken):**  
Image-based 3D Scene Analysis

**Christopher Schwartz (Bonn):**  
Brdf Based Photo-Consistency

**Cristobal Curio (MPI Tübingen):**  
Interactive Perceptual Graphics for Brain  
Engineering