

HiGraphics 2012

Tagungsprogramm



Mittwoch, 28.03.12

19:00 Uhr - 20:15 Uhr

Dominik Sibbing (Aachen):
Generating 3D Models of Urban
Environments from Large Point and
Image Data

Michael Wand (MPI Saarbrücken):
Structural Regularity as Invariant for
Shape Editing

Hans-Christian Ebke (Aachen):
A Class of Non-Linear Energies for
Integer Grid Parametrizations

20:30 Uhr - 21:45 Uhr

Oliver Klehm (MPI Saarbrücken):
Bent Normals and Cones in Screen-space

Christopher Schwartz (Bonn):
Acquisition and Presentation of Geometry
and Appearance of 3D Objects

Krzysztof Templin (MPI Saarbrücken):
Gloss in Stereo

Sonntag, 25.03.12

19:00 Uhr - 20:15 Uhr

Anton Kaplanyan (Karlsruhe):
Adaptive Progressive Photon Mapping for
preview and high-quality rendering

Sebastian Herholz (Tübingen):
Screen Space Spherical Harmonics
Occlusion

Jan Novak (Karlsruhe):
Rasterized Bounding Volume Hierarchies

20:30 Uhr - 21:45 Uhr

Mike Kremer (Aachen):
OpenVolumeMesh - A VersatileData
Structure for Polyhedral Meshes

Michael Zollhöfer (Erlangen):
GPU based ARAP Deformation using
Volumetric Lattices

Jan Möbius (Aachen):
Creating Flexible Geometry Processing
Toolchains in OpenFlipper

Montag, 26.03.12

19:00 Uhr - 20:15 Uhr

Steffen Lohmann (Stuttgart):
Visual Exploration of Metadata Relations
with Graphs

Tim Reiner (Karlsruhe):
Selective Inspection and Interactive
Visualization of Light Transport in Virtual
Scenes

Björn Scheuermann (Hannover):
Image and Video Segmentation using
GraphCuts

20:30 Uhr - 21:45 Uhr

Michael Stengel (Braunschweig):
Optimizing Apparent Resolution
Enhancement for Arbitrary Videos

Matthias Schumacher (Siegen):
What does a front view tell about the
profile: A perceptual experiment

Stefan Guthe (Braunschweig):
EEG Analysis of Implicit Human Visual
Perception

Dienstag, 27.03.12

19:00 Uhr - 20:15 Uhr

Matthias Nießner (Erlangen):
Patch-Based Occlusion Culling for
Hardware Tessellation

Martin Eisemann (Braunschweig):
Geometry Presorting for Implicit Object
Space Partitioning

Henry Schäfer (Erlangen):
Multiresolution Attributes for Tessellated
Meshes

20:30 Uhr - 21:45 Uhr

Björn Krüger (Bonn):
Synthesizing Human Motions

Esther Horbert (Aachen):
Geometrically Constrained Level-Set
Tracking of Rigid Objects

Kai Berger (Braunschweig):
2-Phase gas flow reconstruction with the
Kinect