

HiGraphics 2014

Vortragsprogramm



Montag, 17.03.14

19:00 Uhr - 20:15 Uhr

Modeling II

Helge Rhodin (MPII Saarbrücken)

Controlling Virtual Characters – Beyond Pose and Gesture Mappings

Henry Schäfer (Erlangen-Nürnberg)

Trails in Snow (Real-Time High-Frequency Surface Deformations)

Timo Bolkart (Uni Saarbrücken)

Statistical Analysis of 3D Faces in Motion

20:30 Uhr - 21:45 Uhr

Computer Vision II

Michael Waechter (Darmstadt)

Textured MVS Evaluation

Benjamin Resch (Tübingen)

Local Image Feature Matching Improvements for Omnidirectional Camera Systems

Frank Michael (Dresden)

6D Pose Estimation using Decision Forests

Freitag, 14.03.14

19:00 Uhr - 20:15 Uhr

Rendering I

Johannes Hanika (Karlsruhe)

Efficient Monte Carlo Rendering with Realistic Lenses

Alexander Schiewe (Duisburg-Essen)

GPU-Based Ray-Guided Volume Rendering

Johannes Meng (Karlsruhe)

Rendering Granular Media

20:30 Uhr - 21:45 Uhr

Video / Stereo 3D

Petr Kellnhofer (MPII Saarbrücken)

Presenting Motion in Stereoscopic 3D

Michael Stengel (Braunschweig)

Perceptual Motion Blur

Krzysztof Templin (MPII Saarbrücken)

Stereoscopic Film Grain

Samstag, 15.03.14

19:00 Uhr - 20:15 Uhr

Computer Vision I

Matthias Innmann (Erlangen-Nürnberg)

Real-Time 3D Scene Reconstruction from RGB Data
Using Voxel Carving

Alina Kuznetsova (Hannover)

Hand Pose Estimation and Recognition

Susana Castillo (Cottbus)

The Temporal and Semantic Structure of Dynamic
Conversational Facial Expressions

20:30 Uhr - 21:45 Uhr

Modeling I

Javor Kalojanov (Uni Saarbrücken)

Building Shapes with Partial Symmetries

Thomas Neumann (Braunschweig)

Sparse Localized Deformation Components

Tim Reiner (Karlsruhe)

Dual-Color Mixing for Fused Deposition Modeling
Printers

Sonntag, 16.03.14

19:00 Uhr - 20:15 Uhr

Visualization

Tanja Blascheck (Uni Stuttgart)

Towards Visualizing Eye Movement Data from
Interactive Stimuli

David Körner (Uni Stuttgart)

Flux-Limited Diffusion For Multiple Scattering in
Participating Media

Tom Fogal (Duisburg-Essen)

Transparent in situ visualization through data
interception

20:30 Uhr - 22:00 Uhr

Misc.

Lena Gieseke (Uni Stuttgart)

Parameter Retrieval for Two-Tone Procedural
Textures

Richard Membarth (Uni Saarbrücken)

AnyDSL: Platform-Specific Optimization and
Mapping of Stencil Codes through Refinement

Oliver Müller (Hannover)

Slice-Sampling Particle Belief Propagation

Martin Eisemann (Braunschweig)

Sample-based Manifold Filtering for Interactive
Global Illumination and Depth of Field