

HiGraphics 2015

Vortragsprogramm



Montag, 16.03.15

19:00 Uhr - 20:15 Uhr

Virtual Reality

Katharina Legde (TU Cottbus)

Developing an Affektive Talking Head

Thomas Linkugel (Uni Tübingen)

Micro-UAV in research Projects – From real world to virtual reality and back

Susanna Castillo Alejandre (TU Cottbus)

Exploring and Travelling the Emospace with mocap data

20:30 Uhr - 21:45 Uhr

Rendering III

Johannes Meng (KIT Karlsruhe)

Physically Meaningful Rendering using Tristimulus Colours

Robert Günther (Uni Bayreuth)

A Visual Model for Interactive Global Illumination

Jan Robert Menzel (RWTH Aachen)

Virtual Aachen - A Framework for a Dynamic City Visualization

Freitag, 13.03.15

19:00 Uhr - 20:15 Uhr

Wolfgang Strasser
Memorial Lecture

Hans-Peter Seidel (MPII Saarbrücken)

Wolfgang Strasser – In Memoriam

20:30 Uhr - 21:45 Uhr

Rendering I

Christoph Schied (KIT Karlsruhe)

Deferred Attribute Interpolation Shading

Oskar Elek (MPII Saarbrücken)

Rendering Chromatic Dispersion with Spectral Ray Differentials

Justus Thies (Uni Erlangen)

Photo-realistic Expression Transfer for Real-time Facial Reenactment

Samstag, 14.03.15

19:00 Uhr - 20:15 Uhr

Modeling

Anne Kathrein (RWTH Aachen)

Adapting Feature Curve Networks to a Prescribed Scale

Rene Weller (Uni Bremen)

Sphere Packings and their Application to Computer Graphics

Dominik Sibbing (RWTH Aachen)

Generating High-Quality 3D Models for Point-based Rendering

20:30 Uhr - 21:45 Uhr

Simulation

Markus Huber (Uni Stuttgart)

Boundary Handling at Cloth-Fluid Contact

David Müller (Uni Bayreuth)

Partial Updates to Accelerate GPU-Based Interactive Hydraulic Erosion

Corinna Vehlow (Uni Stuttgart)

Painting with Flow

Sonntag, 15.03.15

19:00 Uhr - 20:15 Uhr

Rendering II

Florian Simon (KIT Karlsruhe)

Rich-VPLs for Improving the Versatility of Many-Light Methods

Oliver Klehm (MPII Saarbrücken)

Filter-based Real-time Single Scattering using Rectified Shadow Maps

Magdalena Prus (Uni Erlangen)

A Compressed Representation for Ray Tracing Parameteric Surfaces

20:30 Uhr - 22:00 Uhr

Image and Video

Yulia Gryaditskaya (MPII Saarbrücken)

Motion Aware Exposure Bracketing for HDR Video

Eduardo Pérez-Pellitero (Uni Hannover)

Key Points for Quality and Speed in Super-Resolution

Petr Kellnhofer (MPII Saarbrücken)

A Transformation-Aware Perceptual Image Metric