

# Wednesday

November 7<sup>th</sup>, 2007

08:30 – 08:50	Registration
08:50 – 09:00	<b>Opening</b>
09:00 – 10:00	<b>Invited Speaker</b> <b>Thomas Vetter</b> Morphable Models for Faces, Skulls and Cars
10:00 – 10:30	Coffee Break
10:30 – 12:10	<b>Visualization</b> Surface Glyphs for Visualizing Multimodal Volume Data Illustrative Rendering of Seismic Data Visualizing large-scale IP traffic flows Image-Space GPU Metaballs for Time-Dependent Particle Data Sets
12:10 – 13:30	Lunch Break
13:30 – 15:10	<b>GPU</b> Sequential Data Compression of Very Large Data in Volume Rendering GPU Rendering of Secondary Effects Frame-to-frame coherent GPU ray-casting for time-varying volume data Using Quadtrees for Energy Minimization Via Graph Cuts
15:10 – 15:40	Coffee Break
15:40 – 18:00	<b>3D Acquisition and Processing</b> Improving the Data Quality of PMD-based 3D Cameras A Direct Numerical Approach to Perspective Shape-from-Shading An iterative framework for registration with reconstruction 3D Reconstruction of Reflection Nebulae from a Single Image
from 18:00	<b>Welcome Reception</b>

# Thursday

November 8<sup>th</sup>, 2007

08:30 – 09:00	Registration
09:00 – 10:00	<b>Invited Speaker</b> <b>Michael Goesele</b> Images, Images, Billions of Images ...
10:00 – 10:30	Coffee Break
10:30 – 12:10	<b>2D/3D Image Processing</b> Filtered Blending: A new, minimal Reconstruction Filter for Ghosting-Free Projective Texturing with Multiple Images Freehand HDR photography with motion compensation Sketch Based Image Deformation Non-iterative Camera Calibration Procedure Using A Virtual Camera
12:10 – 13:30	Lunch Break
13:30 – 15:10	<b>Mesh Processing</b> Accurate Computation of Geodesic Distance Fields for Polygonal Curves on Triangle Meshes Distance Calculation between a Point and a Subdivision Surface Partial Differential Equations on Very Large Implicit Surfaces ACUT: Out-Of-Core Delaunay Triangulation of Large Terrain Data Sets
15:10 – 15:40	Coffee Break
15:40 – 18:00	<b>Special Session</b> Gigapixel-Displays, a Challenge or Visualization?
from 19:30	<b>Conference Dinner</b>

# Friday

November 9<sup>th</sup>, 2007

08:30 – 09:00	Registration
09:00 – 10:00	<b>Invited Speaker</b> <b>Ramesh Raskar</b> Less is More: Coded Computational Photography
10:00 – 10:30	Coffee Break
10:30 – 12:10	<b>Medical Visualization</b> A Method to Detect and Mark False Branches of a Vessel Graph Internal Labels as Shape Cues for Medical Illustration Interactive Model-based Image Registration Nonlinear Diffusion vs. Wavelet Based Noise Reduction in CT Using Correlation Analysis
12:10 – 13:30	Lunch Break
13:30 – 15:10	<b>Learning And Recognition</b> Estimating Natural Activity by Fitting 3D Models via Learned Objective Functions Qualitative Portrait Classification Exemplar based Parametric Hidden Markov Models for Recognition and Synthesis of Movements
15:10 – 15:20	<b>Closing Remarks</b>
15:20 – 15:50	Coffee Break