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WELCOME TO SIGRAD



24 – 25 Nov

2004

GÄVLE
SWEDEN

<http://sigrad2004.viskom.se>

PROGRAM

Wednesday November 24

- 12-13 **Registration**
13.00 **Conference opening**
13.10 **Interactive Landscape Visualization**
Oliver Deussen
13.50 **Real-time Rendering of Accumulated Snow**
Per Ohlsson and Stefan Seipel
14.10 **Collaborative 3D Visualizations of Geo-Spatial Information for Command and Control**
Lars Winkler Pettersson, Ulrik Spak and Stefan Seipel
14.30 **Coffee**
15.00 **Visualization at SMHI**
Tomas Landelius, SMHI
15.30 **Towards Rapid Urban Environment Modelling**
Ulf Söderman, Simon Ahlberg, Åsa Persson and Magnus Elmqvist
15.45 **Context Aware Maps**
Anders Henrysson and Mark Ollila
16.00 **Break**
16.10 **Dynamic Code Generation for Realtime Shaders**
Niklas Folkegård and Daniel Wesslén
16.30 **Py-FX An active effect framework**
Calle Lejdfors and Lennart Ohlsson
16.45 **Demonstration VR-lab**
17.15 **Conference closing day 1**



- 19.00 **Opening: Pia Kristoffersson**
19.30 **Art & Buffé**
20.30 **Vazir Varité**
22.00 **Art event closing**

PROGRAM

Thursday November 25

- 9.00 **TetSplat: Real-Time Rendering and Volume Clipping of Large Unstructured Tetrahedral Meshes**
Ken Museth
9.30 **Fast Surface Rendering for Interactive Medical Image Segmentation with Haptic Feedback**
Erik Vidholm and Jonas Agmund
9.50 **3D Reconstruction From Non-Euclidian Distance Fields**
Anders Sandholm and Ken Museth
10.05 **GPU-assisted Surface Reconstruction and Motion Analysis from Range Scanner Data**
Daniel Wesslén and Stefan Seipel
10.20 **Coffee**
10.40 **Incremental Spherical Linear Interpolation**
Tony Barrera, Anders Hast and Ewert Bengtsson
11.00 **Improved Diffuse Anisotropic Shading**
Anders Hast, Daniel Wesslén and Stefan Seipel
11.15 **An Optimized, Grid Independent, Narrow Band Data Structure for High Resolution Level Sets**
Michael Bang Nielsen and Ken Museth
11.30 **Concluding remarks and discussion**
11.50 **Announcement of SIGRAD 2005**
12.00 **Conference closing**

REGISTRATION

The full registration for the conference includes a co-sponsored evening program: dinner buffet, entertainment by Vazir Varité and Art event, installations of electronic artwork by various local artists.

Early registration (until November 10th)

Full registration 600 sek
Full registration (members) 500 sek

Registration (until November 17th)

Full registration 700 sek
Full registration (members) 600 sek

Student registration (until November 17th)

Undergrad. Students 0.00 sek
Does not include proceedings and social event
Upgrade for social event day 1 200 sek

Last day for registration November 17th

Send a mail with your name, affiliation and type of registration to: info@viskom.se
Send the registration fee to:
SIGRAD Postgiro account 45 14 60-0
Remember to include your name.