search

IEEE VISUALIZATION
October 10-15, 2004

VIS SESSIONS

Interactive Demo Labs

Symposia

Monday 7:00PM - 8:00PM
Tuesday 10:00AM - 12:00N

S1: **Automatic Fast Detection of Tumor Suspect Areas on CT Scan using Asymmetry**
Matei Mancas, Bernard Gosselin, Benoit Macq
Faculté Polytechnique de Mons (FPMs)

S2: **Visual Inspection Methods for Quality Control in Automotive Engineering**
Ralf Klein, Jochen Ehret, Andreas Disch, Dirk Zeckzer, Sascha Koehn, Michael Muenchhofen
DFKI, Kaiserslautern, Germany

S3: **PQuad: Enabling Visual Analysis of Predicted Peptides and Proteins**
Mudita Singhal, Susan Havre
Pacific Northwest National Laboratory

S4: **An Interactive Data Management System for Virtual Walk-Throughs**
Inga Scheler, Hans Hagen, Gerhard Steinebach, Michael Muenchhofen, Maja Ruby, Michael Wadle

S5: **Interactive Exploration of Multi-channel Biological Data Sets**
Jürgen P. Schulze, Alexander Rice
Brown University

S6: **Vision, a Software Component for the Visual Integration of Heterogeneous Software and Data**
Michel Sanner
The Scripps Research Institute

S7: **Large-scale, Multimodal, Multiresolution Data Integration, Analysis, and Visualization**
Tony Pan, Joel Saltz, Don Stredney, Jason Bryan, Dennis Sessanna, Shannon Hastings
The Ohio State University

S8: **Visualization of the Visual-D Challenge Problem**
Rhonda Vickery, Paul Adams, Willie Johnson
DoD HPC PET & Mississippi State University

S9: **Augmented Reality with Tangible Auto-Fabricated Models for Molecular Biology Application**
Alexandre Gillet, Michel Sanner, Arthur Olson
The Scripps Research Institute

S10: **Intersurf: A VMD Plugin for Interface Extraction Between Proteins**
Xavier Cavin, Nicolas Ray

INRIA Lorraine

S11: **Volume Extractor - Visualization, Segmentation, and 3D Model Construction System from 3D Medical Images**
Akio Doi, Fumihito Itoh
Iwate Prefectural University

S12: **A Method for Generating Virtually Stretched Views of Organs Based on Volumetric Image Deformation and its Application to Medical Image Diagnosis**
Kensaku Mori, Truong Trung Dung, Masahiro Oda, Takayuki Kitasaka, Yasuhito Suenaga
Nagoya University, Japan

Main Conference

Wednesday 7:00PM - 8:00PM
Thursday 10:00AM - 12:00N

M1: **Automatic Fast Detection of Tumor Suspect Areas on CT Scan using Assymetry**
Matei Mancas, Bernard Gosselin, Benoit Macq
Faculté Polytechnique de Mons (FPMs)

M2: **Force-Feedback-Enhanced Navigation for Interactive Visualization of Coronary Vessels**
Thomas Wischgoll, Elke Moritz, Joerg Meyer
University of California, Irvine

M3: **Visual Inspection Methods for Quality Control in Automotive Engineering**
Ralf Klein, Jochen Ehret, Andreas Disch, Dirk Zeckzer, Sascha Koehn, Michael Muenchhofen
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Inga Scheler, Hans Hagen, Gerhard Steinebach, Michael Muenchhofen, Maja Ruby, Michael Wadle
Development Agency Rheinland-Pfalz, University of Technology, Kaiserslautern, Germany

M6: **Digital Earth PC: NASA's Interactive Image Viewer on a 3-dimensional Model of the Earth**
Eric Sokolowsky
Global Science and Technology, NASA

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Jürgen P. Schulze, Alexander Rice
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The Ohio State University

M10: **TexMol: An Interactive Demo of Rendering Large Multi-Component Molecular Complexes**
Peter Djeu
University of Texas at Austin

M11: **Visualization of Time-Varying Structured Grids Using a 3D Warp Texture**
Jonathan Cohen, Yuan Chen, Subodh Kumar
Johns Hopkins University

M12: **Interactive Terascale Particle Visualization**
David Ellsworth, Bryan Green, Patrick Moran
AMTI/NASA Ames Research Center

M13: **Visualization of the Visual-D Challenge Problem**
Rhonda Vickery, Paul Adams, Willie Johnson
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