

Symposium on Visualization in High Performance Computing



**SIGGRAPH
ASIA 2015
KOBE**

| Monday, 02 November | Session |
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| 10:45 – 12:00 | Kobe Int'l Conference Center, Room 502, Level 5 Opening & Keynote Visualization and High Performance Computing - Kwan Liu Ma, University of California, Davis |
| 14:15 – 16:00 | Kobe Int'l Conference Center, Room 502, Level 5 Presentation One - Balanced Sampling and Compression for Remote Visualization - Multivariate Volume Rendering Using Transfer Function Synthesizer Implemented in Remote Visualization System PBVR - Volume Rendering With Data Parallel Primitives in High Performance Computing Environments - Realistic Representation of Clouds in Google Earth - Goal-Oriented Application Design Guidance for Flow Visualization |
| 16:00 – 18:00 | Kobe Int'l Conference Center, Room 502, Level 5 Presentation Two - CityHeat: Visualizing Cellular Automata-based Traffic Heat in Unity3D - Towards In Situ Visualization of Extreme-Scale, Agent-Based, Worldwide Disease-Spreading Simulations - GPU-Based Inverse Rendering With Multi-Objective Particle Swarm Optimization - Transparent Visualization of Large-Scale and Complex Polygon Meshes Using a Stochastic Point-Based Rendering Method - A Bottom-Up Scheme for User-Defined Feature Comparison in Ensemble Data |



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| Tuesday, 03 November | Session |
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| 11:00 – 12:00 | Kobe Int'l Conference Center, Room 502, Level 5 Invited Talk HPC Visualization and Analysis at the Exascale: The Biggest Headache Yet - E. Wes Bethel, Lawrence Berkeley |
| 14:15 – 15:30 | Kobe Int'l Conference Center, Room 502, Level 5 Presentation Three - ModulGraph: Modularity-Based Visualization of Massive Graph - High Performance Heterogeneous Computing for Collaborative Visual Analysis - Visualizing Large-Scale Structure of a Million-Firms Economic Network - DATACOLLIDER: An Interface for Exploring Large Spatio-temporal Data Sets - Visualizing the Time-varying Crowd Mobility |
| 15:30 – 15:40 | Kobe Int'l Exhibition Hall No. 2, Convention Hall, Level 1 (Kobe City Booth) Contest Fast-Forwards |
| 15:40 – 16:30 | Kobe Int'l Exhibition Hall No. 2, Convention Hall, Level 1 (Kobe City Booth) Contest |
| 16:30 – 18:00 | Kobe Int'l Conference Center, Room 502, Level 5 Tutorial One Hands-on Seminar of Remote Visualization System PBVR - Takuma Kawamura, Japan Atomic Energy Agency |



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| Wednesday, 04 November | Session |
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| 09:00 – 10:30 | Kobe Int'l Conference Center, Room 502, Level 5 Tutorial Two Introduction to KVS, a Simple and Effective Visualization Toolkit - Kyoko Hasegawa, Ritsumeikan University |
| 11:00 – 12:00 | Kobe Int'l Conference Center, Room 502, Level 5 Special Talk Importance and Difficulty of Data-Specific Visualization - Hirofumi Seo, Sciement, Inc. |
| 14:15 – 16:30 | Kobe Int'l Conference Center, Room 502, Level 5 Panel & Closing Computational Visualization R&D Problems 2015 - Issei Fujishiro, Keio University |

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