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Professional Activities

Program Committees

- SIGGRAPH Asia 08
- Eurographics 08
- Interactive 3D Graphics (I3D 08)
- Eurographics Symposium on Rendering (EGSR) 08
- Pacific Graphics (PG) 08
- Interactive Ray Tracing (IRT) 08
- Symposium on Point-Based Graphics (PBG) 08

Associate Editor, Transactions on Visualization and Graphics (TVCG)

Steering Committee Member, Eurographics Symposium on Rendering

Publications

- Ganesh Ramanarayanan, Kavita Bala, James Ferwerda. Perception of Complex Aggregates In ACM SIGGRAPH '08 (Journal: Transaction on Graphics) August 2008, Los Angeles CA
- Milos Hasan, Edgar Velazquez-Armendariz, Fabio Pellacini, Kavita Bala. Tensor Sampling for Rendering Many-Light Animations, Eurographics Symposium on Rendering (EGSR 2008), Computer Graphics Forum, June 2008, Sarajevo, Bosnia-Herzegovina
- Milind Kulkarni, Keshav Pingali, Ganesh Ramanarayanan, Bruce Walter, Kavita Bala, Paul Chew. Scheduling Strategies for Optimistic Parallel Execution of Irregular Programs, Symposium on Parallelism in Algorithms and Architectures (SPAA '08) June 2008, Munich, Germany
- Adam Arbree, Bruce Walter, Kavita Bala. Single-pass Scalable Subsurface Rendering with Lightcuts, In Eurographics '08, (Journal: Computer Graphics Forum) April 2008, Crete
- Ganesh Ramanarayanan, James Ferwerda, Bruce Walter, Kavita Bala. Dimensionality of Visual Complexity in Computer Graphics Scenes, SPIE Human Vision and Electronic Imaging (HVEI) '08 Jan 2008, San Jose CA
- Milind Kulkarni, Keshav Pingali, Ganesh Ramanarayanan, Bruce Walter, Kavita Bala, Paul Chew. Optimistic Parallelism Benefits from Data Partitioning, Architectural Support for Programming Languages and Operating Systems (ASPLOS) '08 Mar 2008, Seattle
- Ganesh Ramanarayanan, James Ferwerda, Bruce Walter, Kavita Bala. Visual Equivalence: Towards a new standard for Image Fidelity, SIGGRAPH 2007, (Journal: Transactions on Graphics) August 2007, San Diego CA
- Milos Hasan, Fabio Pellacini, Kavita Bala. Matrix Row-Column Sampling for the Many Lights Problem, SIGGRAPH 2007, (Journal: Transactions on Graphics) August 2007, San Diego MA

Lectures

- *When is a rendered image good enough?: Visual equivalence, a new standard of image fidelity for scalable rendering,* Microsoft Research, Graphics and Vision Colloquium, Nov 2007.
- *Kalachakra Mandala: Constructing a 3D Model Johnson Museum*, Tibet Lecture Series, Oct 2007.
- *Scalable realistic rendering of complex scenes*, Cornell University, Computer Science Department Colloquium, Sep 2007.

Students Graduated

- Ganesh Ramanarayanan (PhD: 2008, Visual Equivalence: A New Standard of Image Fidelity for Computer Graphics)