

Steve Marschner

University Activities

- Piti Irawan, CS PhD, graduated

Professional Activities

- NSF panelist
- Papers co-chair, Eurographics Symposium on Rendering 2008.

Publications

- Efficient Multiple Scattering in Hair Using Spherical Harmonics,” by Jonathan T. Moon, Bruce Walter, and Steve Marschner. In proceedings of SIGGRAPH 2008.
- “Simulating Knitted Cloth at the Yarn Level,” by Jonathan M. Kaldor, Doug L. James, and Steve Marschner. In proceedings of SIGGRAPH 2008.

Lectures

- “Rendering materials with complex 3D structure”
 - o Microsoft Research, Redmond, WA, May 2007
 - o Department of Computer Science, University of Washington, May 2007
 - o Adobe Laboratories, Seattle, WA, May 2007
 - o Computer Science Department, Carnegie Mellon University, July 2007
 - o Computer Graphics Group, Massachusetts Institute of Technology, September 2007
 - o Computer Graphics Lunch, University of California—Berkeley, October 2007
 - o Computer Graphics Group, California Institute of Technology, October 2007
 - o Invited talk, Pixar, October 2007
 - o Invited talk, Industrial Light and Magic, October 2007
- “The science of material appearance in computer graphics”
 - o Computer Science Colloquium, Yale University, September 2007
 - o Computer Science Colloquium, Brown University, September 2007
 - o Computer Science Seminar, University of North Carolina—Chapel Hill, October 2007
- “Hair Rendering.” In Sunil Hadap, organizer, Strands and Hair: Modeling, Animation, and Rendering. SIGGRAPH 2007 Course 33.

Awards

- Unilever Corporation, collaborative research contract, \$644,818, 2007-2010