Themenübersicht

Gabriel Zachmann (*zach@in.tu-clausthal.de*)   Rene Weller (*weller@in.tu-clausthal.de*)

1. **Fast BVH Construction on GPUs**
   Christian Lauterbach, Michael Garland, Shubhabrata Sengupta, David Luebke, and Dinesh Manocha
   Eurographics 2009 (**B**)
   Vortragender: Qimin Zhang

2. **Real-time Parallel Hashing on the GPU**
   Dan A. Alcantara, Andrei Sharf, Fatemeh Abbasinejad, Shubhabrata Sengupta, Michael Mitzenmacher, John D. Owens, Nina Amenta
   SIGGRAPH Asia 2009 (**B**)
   Vortragender: Sascha Lorenz

3. **Bounded Normal Trees for Reduced Deformations of Triangulated Surfaces**
   Sara C. Schvartzman, Jorge Gascón, Miguel A. Otaduy
   Symposium on Computer Animation 2009

4. **Linkless Octree Using Multi-Level Perfect Hashing**
   Myung Geol Choi, Eunjung Ju, Jungwoo Chang, Young J Kim, Jehee Lee
   Pacific Graphics 2009 (**B**)
   Vortragender: Marc Jaußen

5. **HPCCD: Hybrid Parallel Continuous Collision Detection using CPUs and GPUs**
   DukSu Kim, Jae-Pil Heo, JaeHyuk Huh, John Kim, Sung-Eui Yoon
   Pacific Graphics 2009 (**B**)
   Vortragender: Jürgen Lorenz

6. **ClearPath: Highly Parallel Collision Avoidance for Multi-Agent Simulation**
   S. J. Guy, J. Chhugani, C. Kim, N. Satish, M. Lin, D. Manocha, and P. Dubey
   Symposium on Computer Animation 2009
   Vortragender: Jörn Teuber

7. **Aggregate Dynamics for Dense Crowd Simulation**
   Rahul Narain, Abhinav Golas, Sean Curtis, Ming Lin
   SIGGRAPH Asia 2009

8. **Experiment-based Modeling, Simulation and Validation of Interactions between Virtual Walkers**
   Julien Pettre, Jan Ondrej, Anne-Helene Olivier, Armel Cretual, Stephane Donikian
   Symposium on Computer Animation 2009

9. **Fitting Behaviors to Pedestrian Simulations**
   Alon Lerner, Eitan Fitusi, Yiorgos Chrysanthou, Daniel Cohen-Or
   Symposium on Computer Animation 2009 (**B**)

10. **Simulation of Large Crowds in Emergency Situations including Gaseous Phenomena**
N. Courty, S. R. Musse
Computer Graphics International 2005
Vortragender: Dennis Jensch

11. **Harmonic Shells: A Practical Nonlinear Sound Model for Near-Rigid Thin Shells**
Jeffrey Chadwick, Steven An, Doug James
SIGGRAPH Asia 2009 **(M)**

12. **Shape Band: A Deformable Object Detection Approach**
Xiang Bai, Quannan Li, Jan Latecki, Wenyu Liu, Zhuowen Tu
CVPR 2009
Vortragender: Rainier Haase

13. **SURFTrac: Efficient Tracking and Continuous Object Recognition using Local Feature Descriptors**
Duy-Nguyen Ta, Wei-Chao Chen, Natasha Gelfand, Kari Pulli
CVPR 2009

14. **Semi-Supervised Random Forests**
Christian Leistner, Amir Saffari, Jakob Santner, Horst Bischof
ICCV 2009 **(M)**

15. **Fast and Robust Earth Mover's Distances**
Ofir Pele, Michael Werman
ICCV 2009

16. **Background Subtraction for Freely Moving Cameras**
Yaser Sheikh, Omar Javed, Takeo Kanade
ICCV 2009 **(M)**