**15-464 PAPERS SESSION IV Tuesday, November 17, 2009**

**Character Simulation, Design, and Control**

**Alyssa Reuter** U. Muico, Y. Lee, J. Popović, Z. Popović, *Contact-aware Nonlinear Control of Dynamic Characters*, SIGGRAPH 2009. <http://grail.cs.washington.edu/projects/nqr/s2009/>

**Sarah Scialli** Macchietto, A., Zordan, V.B., Shelton C., *Momentum Control for Balance*, SIGGRAPH 2009. <http://graphics.cs.ucr.edu/projects/momentum/>

**Yue Peng Toh** C. Karen Liu, *Dextrous Manipulation from a Grasping Pose*, SIGGRAPH 2009. <http://www.cc.gatech.edu/~karenliu/Manipulation2.html>

**K. K. Ong** Wampler, K. Popović, Z., *Optimal Gait and Form for Animal Locomotion*, SIGGRAPH 2009. <http://grail.cs.washington.edu/projects/animal-morphology/s2009/>

**Karen Liu** S. J. Guy, J. Chhugani, C. Kim, N. Satish, M. Lin, D. Manocha, P. Dubey, *ClearPath: Highly Parallel Collision Avoidance for Multi-Agent Simulation,* SCA 2009. <http://gamma.cs.unc.edu/CA/>