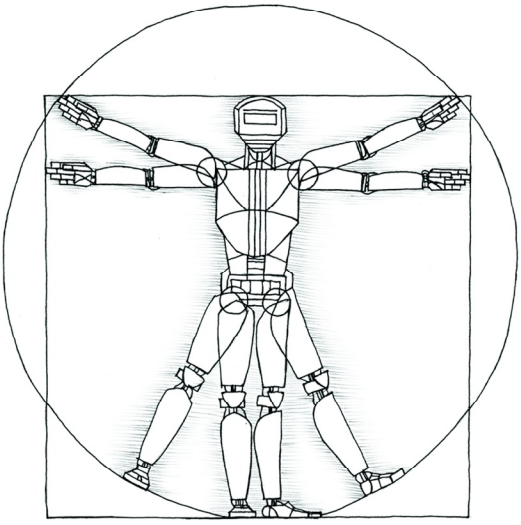

ROBOTICS
SCIENCE AND SYSTEMS

June 27-30, 2007
Georgia Institute of Technology
Atlanta, GA, USA
http://www.roboticsconference.org

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The 2007 Robotics: Science and Systems Conference will bring together researchers working on algorithmic or mathematical foundations of robotics, robotics applications, and analysis of robotic systems. High quality, original papers are solicited in all areas of robotics. The final program will be the result of a highly selective review process designed to include the best work of its kind in every category. The conference will be single track to allow attendees an opportunity to see the best research in all areas of robotics. The program will include invited talks as well as oral and poster presentations of refereed papers. All papers presented at the conference will be published in the conference proceedings by MIT Press and will also be made freely available for download on the internet. The main conference will be followed by one day of workshops. Proactive efforts are underway to keep conference expenses affordable, particularly for student attendees.

Papers are solicited in all areas of robotics, including: Mechanisms, Manipulation, Human Robot Interaction and Human Centered Systems, Distributed Systems, Mobile Systems and Mobility, Applications, Robot Perception, Planning and Algorithms, Estimation and Learning for Robotic Systems.

Invited Speakers: Mathieu Desbrun, California Institute of Technology, Calculus Ex Geometrica: Structure-Preserving Computational Foundations for Graphics and Simulation; Arthur Horwich, Yale University, GroEL - A Protein Folding Machine; Atsushi Iriki, Riken Brain Science Institute, Latent Precursors of Human Intelligence in Monkey Tool Use Actions; Shree Nayar, Columbia University, Computational Cameras: Redefining the Image; Daniel Wolpert, University of Cambridge, Probabilistic Models of Human Sensorimotor Control