



HUMANOIDS 2013

IEEE-RAS International Conference on Humanoid Robots

Humanoids in the Real World

October 15-17, 2013

Atlanta, Georgia, USA

Call for Papers

Important Dates

- **Submission Deadline:**
June 15, 2013
- **Notification of paper acceptance:**
July 31, 2013
- **Submission of final papers:**
August 31, 2013

The 13th IEEE-RAS International Conference on Humanoid Robots (Humanoids 2013) will be held on October 15-17, 2013 in Atlanta, Georgia, USA. The conference theme is "Humanoids in the Real World" reflecting growing interest in intelligent and dependable robots that interact with humans and assist in human environments. Atlanta is easily accessible with direct flights from most major airports worldwide. The venue is located in the heart of Atlanta's tourist district with easy access to the World's Largest Aquarium, Coca Cola Museum, Imagine-It Museum, Olympic Park and CNN Headquarters. It is also next door to the Georgia Institute of Technology, an emerging leader in Humanoid Robotics which will be displaying their latest technologies in technical tours.

Scope:

Papers are solicited in all related areas of humanoid robotics including locomotion, mechatronics, control, perception, planning, learning, neuroscience and interaction.

Organizing Committee

General Chair:

Mike Stilman (Georgia Tech, USA)

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Contributed Papers

The contributed papers can include but are not limited to the following list of topics:

- Mechanism Design and Control of Humanoid Robots
- Software and Hardware Architecture, System Integration
- Stability and Dynamics for Humanoid Robots
- Whole Body Motion Planning and Control
- Learning Strategies for Humanoid Robots
- Imitation Learning
- Perception for Humanoid Robots
- Humanoid Grasping and Manipulation
- Human-Humanoid Interaction
- Motion Planning for Humanoid Robots
- High-Level Planning and Cognition
- Human Body and Behavior Modeling
- Neuro-Robotics and Robot-Brain Interfaces for Humanoids
- Humanoid Robot Applications

Accepted papers will be presented either at a single track oral session or at interactive sessions. All papers will appear in the proceedings of the conference without distinction and on IEEE Xplore.

Detailed information about the conference and paper submission will be published on the conference website <http://www.humanoids2013.org/> in a timely fashion. All inquiries about the conference should be sent to the conference secretariat by e-mail at the respective addresses available on the conference website.

Tutorial & Workshop Proposals

Proposals for half-day and full day workshops and tutorials must be submitted by June 15 in PDF format to workshops@humanoids2013.org. Proposals must include (1) Title, (2) Format, (3) Organizers with contact information, (4) Objectives and Topics, (5) Intended Audience, and (6) List of Speakers.

<http://www.humanoids2013.org>