

Humanoids 2011



11th IEEE-RAS International Conference on Humanoid Robots

Golf Hotel, Bled, Slovenia

October 26th – 28th, 2011

Important dates

- **Submission deadline:**
June 15th, 2011 (extended)
- **Notification of paper acceptance:**
August 8th, 2011
- **Submission of final, camera-ready papers:**
September 8th, 2011

Organizing committee

General conference chair:

Aleš Ude

Jožef Stefan Institute, Slovenia

General co-chairs:

Rüdiger Dillmann, KIT, Germany
Stefan Schaal, USC, USA

Program co-chairs:

Nancy Pollard, CMU, USA
Jun Morimoto, ATR, Japan
Tamim Asfour, KIT, Germany

Tutorial/Workshop co-chairs:

Georgio Metta, IIT, Italy
Aleš Leonardis, UL, Slovenia

Awards co-chairs:

Gordon Cheng, TUM, Germany
Kazuhito Yokoi, AIST, Japan

Publicity chair:

Erhan Oztop, ATR, Japan

Financial chair:

Bojan Nemec, JSI, Slovenia

Publication chair:

Andrej Gams, JSI, Slovenia

Call for papers

The 11th IEEE-RAS International Conference on Humanoid Robots (Humanoids 2011) will be held on October 26th-28th, 2011, in the idyllic Alpine town of Bled in Slovenia. Bled is easily accessible from the Ljubljana airport, which has excellent connections to all major European hubs. The conference is sponsored by IEEE Robotics and Automation Society.

Scope

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

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
- Planning and cognition on humanoid robots
- 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 during poster sessions. All the accepted 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.humanoids2011.org/> in a timely fashion. All inquiries about the conference should be sent to the conference secretariat by e-mail (humanoids@ijs.si).

Tutorial & workshop proposals

Proposals for half-day and full day workshops and tutorials must be submitted by May 29th. Proposals must include 1) Title, 2) Organizers with contact information, 3) Objectives and topics, and 4) List of prospective speakers.

<http://www.humanoids2011.org/>