



## 1st CSS/R&A/CINVESTAV Workshop on Robotics

# CINVESTAV 2013

October 10-11, Cinvestav, Guadalajara, Mexico

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The 1st CINVESTAV Workshop on Robotics (CINVESTAV 2013) will be held in Guadalajara, Mexico. CINVESTAV 2013 is organized by Cinvestav, Unidad Guadalajara, and the Mexican Association for Computer Vision, Neural Computing and Robotics (MACVNR). CINVESTAV 2013 is supported by the CUCEI Universidad de Guadalajara, ITESO Universidad Jesuita de Guadalajara, Tecnológico de Monterrey Campus Guadalajara, Universidad Panamericana Guadalajara, Universidad Autónoma de Guadalajara and the Center of Research and Advanced Studies (Cinvestav).

CINVESTAV 2013 will be a forum for exchanging scientific results and experiences, as well as sharing new knowledge, and increasing the co-operation between research groups in robotics and related areas, in Mexico.

Very well renowned researchers have been invited to give keynote addresses.

### Topics

Authors are invited to submit contributions including, but not limited to the following areas:

- Robotic Systems
- Computer Vision for Robotics
- Special Hardware Architectures for Robotics
- Humanoids
- Neural Networks for robotics
- Machine Learning for Robotics
- Smart Grids and Cloud Computing for AI and Robotics
- Parallel and Distributed Computing for Robot Systems
- Robot Control
- Automation and Robotic Systems
- Quantum Computing for Robotics
- Soccer robots
- UAV's, quad rotors and swarms
- Medical Robotics
- Cognitive Robotics

### Paper Submission and Review Process

All the 8 A4-pages papers must be submitted in English. All submissions will be peer reviewed by the Scientific Committee, for originality, technical content and relevance. The final acceptance will be based upon double blind peer review of the full-length paper.

All accepted papers will be published in a CD Proceedings of the Conference.

Also, a selection of the best papers will be invited to submit an extended version to a journal (to be announced soon). The papers should be submitted electronically before September 6, 2013 to the email: [cinvesrob13@gdl.cinvestav.mx](mailto:cinvesrob13@gdl.cinvestav.mx). The articles should be prepared as a 2 columns paper.

Submission implies the willingness of at least one of the authors to register and to present the communication at the conference, if it is accepted.

### Chairs

- Prof. Eduardo Bayro Corrochano, CINVESTAV, Guadalajara, Mexico.
- Prof. Bernardino Castillo, CINVESTAV, Guadalajara, Mexico.
- Prof. Alexander Loukianov, CINVESTAV, Guadalajara, Mexico.

### Important Dates

- Paper Submission Deadline: September 6, 2013.
- Notification of acceptance: September 23, 2013.
- Camera-ready: September 30, 2013.

### Conference Venue:

CINVESTAV, Unidad Guadalajara, Av. Del Bosque 1145, Colonia El Bajío, CP 45010, Zapopan, Jalisco, Mexico.

**Fees:** 75 USD (proceedings, breaks, lunches and conference closing party).