

# 2012 2<sup>nd</sup> International Conference on Applied Robotics for the Power Industry



# CARPI 2012

ETH Zurich, Switzerland - September 11 – 13, 2012 - [carpi2012.ethz.ch](http://carpi2012.ethz.ch)

## CALL FOR CONTRIBUTIONS

“Where Power Industry and Academia talk about robotics”

The 2012 2<sup>nd</sup> International Conference on Applied Robotics for the Power Industry (CARPI 2012) is a three-day event that will bring together stakeholders interested in robotics applications in the power industry. The program will include presentations of robotics solutions for construction, refurbishment, inspection and maintenance of power systems. R&D decision makers and robotics developers will have the chance to meet in a forum that allows them to share high-value solutions. The conference, expected to draw approximately 250 people from major organizations around the world, is intended for innovation-driven decision makers, system operators, end users, R&D development teams from electric utilities, research centres, manufacturers, universities and service providers.



## Topics of interest include, but are not restricted to:

### Robotics applied to:

- Hydro, nuclear, thermal, wind and solar power generation systems
- Transmission lines and substations
- Underground and overhead distribution systems
- Underwater structures
- Construction, inspection, maintenance, refurbishment, security



### Scope of contributions may be:

- UAV, ROV, mobile robotics, teleoperation, manipulator, automation, field robotics
- Utilities roadmap, field experience, benefits and implementation
- Design, simulation and prototype
- Sensor, vision, control

- **Papers** describing original work are invited. Authors should submit a **1000-word abstract**. Upon abstract acceptance, a 4-6 pages paper in IEEE PES format must be submitted for the final contributions.
- **Videos** of 1.5 to 3 minutes presenting applications are sought for special video sessions. A **500-word synopsis** describing the proposed video should be submitted. Upon synopsis acceptance, the author must submit the video and a 2 pages paper in IEEE PES format for the final contributions.

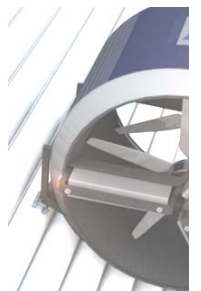
The submitted abstracts and synopses will go through a peer review process. Accepted papers in the final contributions will be included in the CARPI 2012 proceedings and published in the IEEE Xplore database, provided the papers are fully registered by at least one author and presented in person at the conference.

## Important Dates:

• **February 10, 2012:**  
Deadline for submission of abstracts and synopses

• **March 30, 2012:**  
Notification of acceptance

• **Mai 30, 2012:**  
Deadline for submission of final contributions



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