

CALL FOR PAPERS

The 5th International Conference on Applied Robotics for the Power Industry (CARPI 2018) 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 scientists and developers will have the chance to meet in a forum that allows them to share high-value solutions.

Researchers enthusiastic to show field test results of their new robots or with new algorithms have a day devoted to those activities. Industrial people proudly presenting their newest implementations or looking for new methods are warmly welcome to participate and contribute.

Abstract Submission deadline: May. 16, 2018

You may now submit your abstract for consideration in the 2018 conference: <https://easychair.org/conferences/?conf=carpi2018>

TOPICS OF INTEREST, 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 and Security
- AI and Big Data
- Substation and Plant Robots
- Unmanned Aerial and Ground Vehicles
- Sensor Fusion
- Automated Diagnosis
- Smart Grids
- Wind Farm Technology

Scope of contributions may be:

- UAV, ROV, mobile robotics, teleoperation, manipulator, automation, field robotics
- Utilities roadmap, field experience, benefits and implementation
- Design, simulation and prototyping

Organizing Committee:

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Pascal Morin (UPMC – FR);
João Afonso (U. Minho – PT);

Plenary Speakers:

Carlos Silvestre (U.Macau – MO);
Serge Montambault (IREQ-CA);
Lorenzo Marconi (U.Bologne-IT);

SUBMISSION GUIDELINES

Authors are invited to submit original research contributions in English, in the form of an extended abstract up to 1000 words, following the standard IEEE guidelines: (<https://www.ieee.org/conferences/publishing/templates.html>).

Authors should submit their abstracts electronically in PDF format via EasyChair: <https://easychair.org/conferences/?conf=carpi2018>

Reviewing for CARPI 2018 will be double blind, so authors must remove their names from the submitted abstracts and should take reasonable care not to indirectly disclose their identity.

Three program committee members will be assigned to review each abstract. Acceptance will be based on the abstract's significance, technical quality, clarity, relevance and originality.

Accepted papers will be scheduled for presentation, which requires that at least one of the authors registers at the Conference and presents the paper. Failure to meet this requirement will imply removing the paper from the proceedings.

Accepted papers will be published by IEEE and available through IEEE Xplore

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We welcome you to Lisbon!

For additional information, please visit conference website <https://carpi2018.org/> or email: info@carpi2018.org