



Call for Papers for the RADP'19 Special Track within *exp.at'19*

“Remote and digital pneumatics: Learn and control from distance”

Experiment@International Conference 2019, *exp.at'19*, <http://expat.org.pt/expat19/>

exp.at'19 is the 5th event of the conference series *exp.at'xx*. The conference will be held at the University of Madeira (Funchal, Madeira Island, Portugal) on June 12-14, 2019, and it is a joint organization of University of Porto and University of Coimbra with the collaboration of University of Madeira. The conference will feature the technical support of IEEE (IEEE Industrial Electronics Society and IEEE Education Society) and the Portuguese Engineers Association.

RADP'19, the Special Track “Remote and digital pneumatics: Learn and control from distance” within *exp.at'19*, aims to put together researchers from all around world to share their expertise and do a real exchange of ideas connected with the implementation of current and future technologies in digital pneumatics and on the use of online resources in pneumatics.

Topics of Interest (not limited to):

- Digital pneumatics
- Augmented Reality applications in learning pneumatics
- Remote control of pneumatic devices
- Industry 4.0 and pneumatics
- Software applications for digital pneumatics
- Remote measurement in pneumatics
- Remote monitoring for maintenance purposes in pneumatics
- Predictive maintenance in pneumatics
- Energy-efficiency assessment and experiments in pneumatics
- Simulation tools for learning digital pneumatics
- Laboratory pneumatic experiments with remote access

Important Dates

Submission of full papers (4-6 pages) February 1, 2019	Early Author registration April 15, 2019
Notification of acceptance March 15, 2019	Pre-conference Activities June 11, 2019
Camera-ready due April 15, 2019	Conference dates June 12-14, 2019
	Social Activities June 15, 2019

Conference Language, Review Process and Publications

The official language of the Conference is English. The articles and extended abstracts (demos) will be under double blind peer review process. Accepted papers will be published in electronic format and will be submitted for acceptance into the IEEE Xplore® paper database. IEEE Xplore® will index accepted papers and demos meeting IEEE requirements of content and format. A number of selected, high-quality, papers will be invited for publication in international journals.

Submission

Articles (full papers with 4-6 pages) submitted to the exp.at'19 Special Track *RADP'19* will follow the EasyChair platform.

exp.at'19 General Chairs

Alberto Cardoso
University of Coimbra, PT

Maria Teresa Restivo
University of Porto, PT

RADP'19 Special Track Chairs

Dragan Šešlija
University of Novi Sad, SRB

Paulo Abreu
University of Porto, PT