EXP.AT'19

5th experiment@
international conference

University of Madeira
Funchal, Madeira Island, Portugal
12-14 Jun, 2019

Call for Papers for the exp.at'19 Special Track OEC'19 "Online Experimentation in Control"

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.

OEC'19, the Special Track "Online Experimentation in Control" within *exp.at'19*, aims to create a forum for discussing topics related to online experimentation in control area that can be considered as the special subset of all Internet based experiments, or Internet of Things (IoT). It brings the necessity to consider the experiment in feedback structure to control the system outputs to its required values. Such types of experiments brings specific problems to solve, e.g. cooperation with simulation environments, stability of control algorithms, robustness, experiment visualisation, choice of sampling period, impact of the time delays, measurement noise, etc.

Topics of Interest (not limited to):

- **Online experiments in control**
- **Control and machine learning**
- **Control and computer vision**
- **Remote control and measurement technologies**
- **Internet based control education**
- **Internet of Things in control**
- **Mobile applications in control**
- **Interactive control applications**

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Important Dates

Submission of full papers (4-6 pages)
February 1, 2019

Notification of acceptance
March 15, 2019

Camera-ready due
April 15, 2019

Early Author registration
April 15, 2019

Pre-conference Activities
June 11, 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 and demos 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 *OEC'19* will follow the EasyChair platform.

exp.at'19 General Chairs

Alberto Cardoso
University of Coimbra, PT

Maria Teresa Restivo
University of Porto, PT

OEC'19 Special Track Chairs

Katarína Žáková
Slovak University of Technology in Bratislava, SK

Luciano António Mendes
Pontifical Catholic University of Paraná, BR