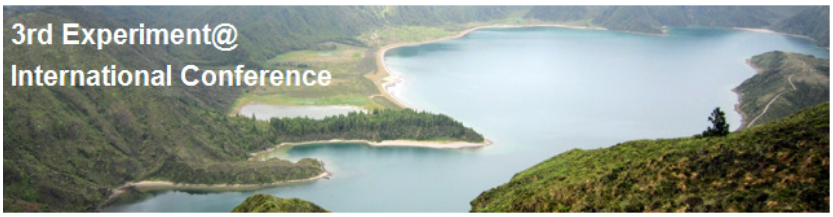
exp.at '15

Online Experimentation

2 - 4 June 2015
Ponta Delgada, São Miguel Island, Azores, Portugal
http://www.fe.up.pt/exp.at2015



CALL FOR PAPERS

Special Track *OEEE'15* "*Online Experimentation in Science and Engineering Education*"

exp.at'15 will be held at University of Azores (Ponta Delgada, São Miguel Island, Azores, Portugal) and it is a joint organization of the University of Porto and the University of Coimbra with the collaboration of the University of Azores and with the technical support of IEEE.

OEEE'15, the Special Track Online Experimentation in Science and Engineering Education within the 3rd Experiment@International Conference 2015, aims to provide a discussion forum centered in exploring many different online resources as important tools in the science and engineering education arena.

The development of online experimentation facilities and its provision to learners via the Web opens entirely novel opportunities for science and engineering education and training, particularly where experiments are the core elements of teaching & learning. Moreover, the related teaching & learning scenarios require a careful alignment of objectives, activities, and assessment of students' learning outcomes in order to foster competence development and employability.

TOPICS OF INTEREST:
The topics of track include (but are not limited to):

- Remote, Virtual, On-Site, Augmented, Smart and Hybrid Laboratory Experience
- Innovative Technologies and Infrastructures for Online Learning with Labs
- Novel Methods, Practices, and Approaches of Laboratory Teaching & Learning
- Developing Knowledge, Skills and Competencies in Engineering Laboratories
- Learning Objectives, Activities, and Assessments for Lab Work
- Future Capabilities and Constraints of Labs in Engineering Education
- Horizontal Issues, Emergent Technologies, Future Impacts

IMPORTANT DATES:

Submission of full papers:	January (~~18~~) **31**, 2015	Pre-conference Activities:	June 1, 2015
Notification of acceptance:	February 28, 2015	Conference dates:	June 2-4, 2015
Early Author registration:	March 31, 2015	Post-conference Activities:	June 5, 2015
Camera-ready due:	April 15, 2015		

REVIEW PROCESS AND PUBLICATIONS:
The articles 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 meeting IEEE requirements of content and format. A number of selected, high-quality, papers will be invited for publication in international journals (to be announced).

COMMITTEES:
Special Track Chairs:
David Boehringer, University of Stuttgart, DE
Claudius Terkowsky, TU Dortmund University, DE

Program Committee (see next page)**:**

Program Committee:

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Tobias Haertel, TU Dortmund University, Germany
Tobias Ortelt, TU Ddortmund University, Germany
Uwe Wilkesmann, TU Dortmund University, Germany
Willian Rochadel, Federal University of Santa Catarina, Brazil