



Call for Papers for the exp.at'19 Special Track IS3'19 "Immersive Systems and Sensorial Stimulation"

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.

IS3'19, the Special Track "Immersive Systems and Sensorial Stimulation" within *exp.at'19*, aims at creating a forum to discuss the development and use of immersive systems and sensorial stimulation techniques and technologies and their unquestionable place and use in the near future. Authors are invited to bring their theoretical studies, developments, and/or experimental validations of new principles, or new uses of existing systems that may enhance the usability, demonstrate the interest or their applicability in new areas.

Topics of Interest (not limited to):

- New Immersive Interaction Styles and Technologies
- (Tele)Presence and Embodiment in Remote and Virtual Experiments
- Co-presence, shared spaces and cooperation in Virtual Environments
- Interactive robots and avatars
- Affective computing
- Emotional Interaction
- Emotion recognition
- Sensorial stimulation: visual, olfactory, auditory, haptic, ...
- Augmented and virtual reality
- Smart Environments, Environment augmentation
- Stimulating and Responsive environments
- Applications in Psychology and Ageing
- Industrial Applications of augmentation technologies
- Educational and scientific use of immersive systems

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 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 */S3'19* will follow the EasyChair platform.

exp.at'19 General Chairs

Alberto Cardoso
University of Coimbra, PT

Maria Teresa Restivo
University of Porto, PT

/S3'19 Special Track Chairs

Paulo Menezes
University of Coimbra, PT

J. Joel Gonzalez-Barbosa
IPN, Quéretaro, Mexico

Bruno Patrão
University of Coimbra, PT