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Toward an artist-in-the-lab framework
Full-Day Workshop at IROS 2017
Vancouver, B.C., Canada
September 24, 2017

Workshop Website: <http://www.roboticart.org/iros2017>
Submission Website: <https://easychair.org/cfp/TAIF2017>
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=== Important Dates ===

Submission deadline: August 4, 2017
Notification of acceptance: August 31, 2017
Final paper submission: September 8, 2017

=== Overview ===

Artists and scientists are both trying, each with their own means, to approach the frontier of the unknown: to reach a point beyond which nothing can yet be said, and from which territories that nobody has ever explored can be observed and described, inventing a new model of artistic expression or a new scientific model if needed. Only the mode of approach that distinguishes science from arts. Before stating anything new, a scientist must undertake an exhaustive recapitulation of everything that has been said in the specific research field. This long and often tedious process is the sine qua non condition for any worthwhile discovery; and the models that the scientist uses to do so are often very remote from the reality of everyday life. By contrast, the artist reaches the unknown by observing first that the deepest mysteries can be hidden very close to us, and even inside the most ordinary things. It is through these considerations that this workshop seeks to find elements of a common language which could allow to share methodologies and results in a way that is fruitful for everyone.

This workshop seeks to explore to commonalities between artists and scientists in this search for the unknown. We invite contributions that explore, from either perspective, topics such as:

- Creativity in robot design
- User-centered approach to design of robots
- User experience studies with robots
- Human-Robot Interactions
- Creative agents
- Human/artist robot collaboration

=== Call for Contributions ===

We invite submissions of an extended abstract (up to 2 pages) addressing the topics of interest for the workshop. Accepted abstracts will be made available on the workshop website ahead of time. Authors of selected abstracts will be asked to present their work in a 5-minute lightning talk during the workshop.

=== Invited Speakers ===

Nicolas Reeves, Université du Québec à Montréal
Ken Goldberg, UC Berkeley
Heather Knight, Oregon State University
Bill Keays, Verity Studios
Jean-Paul Laumond, LAARS-CNRS
Samuel Bianchini, University Paris 8

=== Organizers ===

David St-Onge, École Polytechnique de Montréal
Damith Herath, University of Canberra
William Smart, Oregon State University