

IEEE ICDL-EPIROB 2014

The Fourth Joint IEEE International Conference on Development and Learning and on Epigenetic Robotics

OCTOBER
13-16, 2014

www.icdl-epirob.org

CALL FOR PAPERS, TUTORIALS AND THEMATIC WORKSHOPS

The past decade has seen the emergence of a new scientific field that studies how intelligent biological and artificial systems develop sensorimotor, cognitive and social abilities, over extended periods of time, through dynamic interactions with their physical and social environments. This field lies at the intersection of a number of scientific and engineering disciplines including Neuroscience, Developmental Psychology, Developmental Linguistics, Cognitive Science, Computational Neuroscience, Artificial Intelligence, Machine Learning, and Robotics. Various terms have been associated with this new field such as Autonomous Mental Development, Epigenetic Robotics, Developmental Robotics, etc., and several scientific meetings have been established. The two most prominent conference series of this field, the International Conference on Development and Learning (ICDL) and the International Conference on Epigenetic Robotics (EpiRob), are now joining forces for the fourth time and invite submissions for a joint conference in 2014, to explore and extend the interdisciplinary boundaries of this field.

KEYNOTE SPEAKERS

Prof. Dana Ballard, Dept. of Computer Sciences, University of Texas at Austin, USA

Prof. Cristina Becchio, Dept. of Psychology, University of Turin, Italy

Prof. Tetsuro Matsuzawa, Primate Research Institute, Kyoto University, Japan

Prof. Harold Bekkering, Donders Institute, Radboud University, Nijmegen, Holland

CALL FOR SUBMISSIONS

We invite submissions for this exciting window into the future of developmental sciences. Submissions which establish novel links between brain, behavior and computation are particularly encouraged.

Submission website through paperplaza at: <http://ras.papercept.net>

IMPORTANT DATES

May 15th, 2014, paper submission deadline (EXTENDED)

July 15th, 2014, author notification

August 31st, 2014, final version (camera ready) due

October 13th-16th, 2014, conference

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