
EVOLUTIONARY INTELLIGENCE - SPECIAL ISSUE ON EVOLUTIONARY ROBOTICS

Call for Papers

Evolutionary Robotics researches the application of evolutionary computation techniques to automatically design the controllers and/or morphology of autonomous robots, real or simulated. This is by nature a multi-faceted field that combines approaches from other fields such as neuro-evolution, evolutionary design, artificial life, robotics, et cetera.

In spring 2014, Evolutionary Intelligence will publish a special issue on Evolutionary Robotics.

We welcome submissions concerning state-of-the-art research in the area of evolutionary robotics. Topics include but are not limited to:

- Evolution for single, collective and modular robotics;
- Evolution of robot morphology;
- Evolution of (neural) robot controllers;
- Co-evolution of hardware/morphology and controller;
- Evolutionary robotics in artificial life;
- Open-ended evolution in robotics;
- Evolution of collective behaviour;
- Evolutionary self-assembly and self-replication;
- Evolution, development and learning;
- Competitive co-evolution.

Details of the journal can be found online:

<http://www.springer.com/engineering/journal/12065>

The deadline for submissions:

16 November 2013

Contact

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