



IEEE WORLD CONGRESS ON COMPUTATIONAL INTELLIGENCE

25-29 JULY 2016, VANCOUVER, CANADA



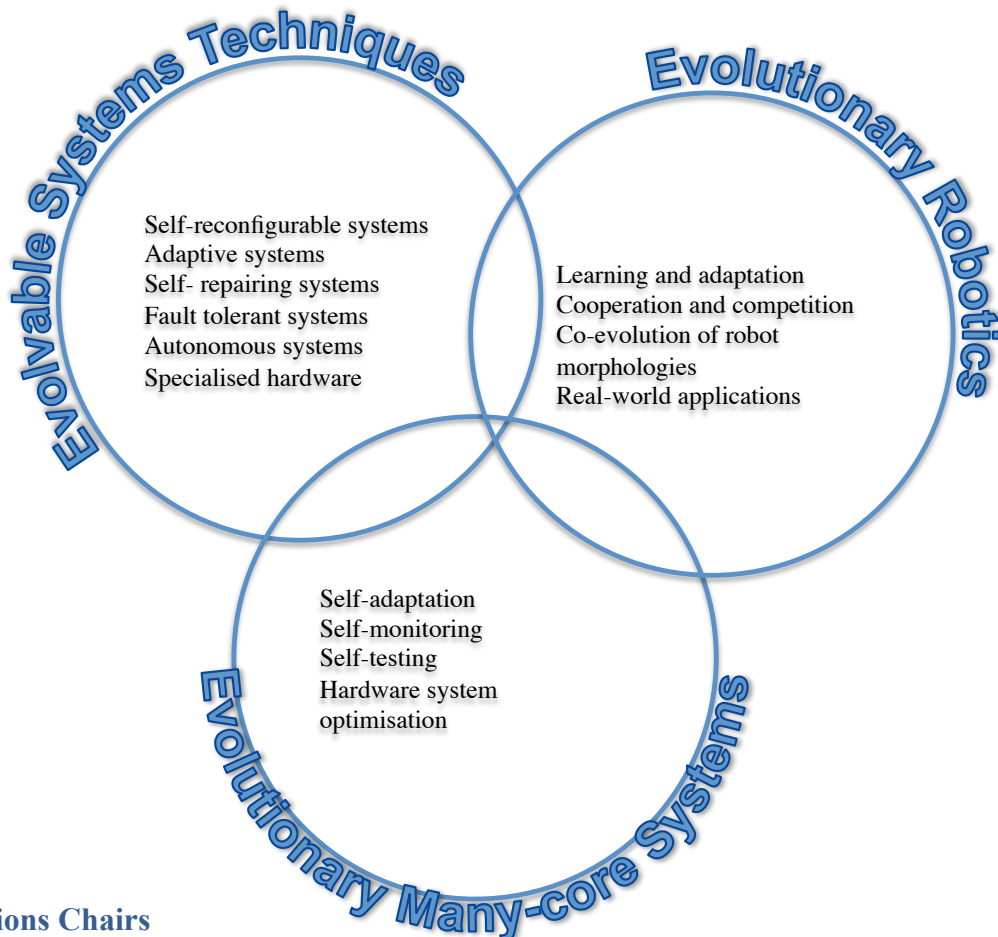
Call for Special Session Papers on Evolutionary Computing Application in Hardware Part of Conference on Evolutionary Computation (CEC)

Evolvable systems encompass understanding, modelling and applying biologically inspired mechanisms to physical systems. Application areas for bio-inspired algorithms include the creation of novel physical devices/systems, novel or optimised designs for physical systems and for the achievement of adaptive physical systems. Having showcased examples from analogue and digital electronics, antennas, MEMS chips, optical systems as well as quantum circuits in the past, we are looking for papers that apply techniques and applications of evolvable systems to these hardware systems, and in particular this year looking for papers in the areas of evolutionary robotic and evolutionary many-core system.

IEEE CEC 2016 @ <http://www.wcci2016.org>

IEEE Task Force on EHW @ <http://www-users.york.ac.uk/~mt540/ieee-tf-ehw/>

Topics include but are not limited to:



Special Sessions Chairs

Andy M Tyrrell, University of York, UK
Martin A Trefzer, University of York, UK

Paper submission:

Through the normal CEC 2016 paper submission process, selecting '7SSn: Evolutionary Computing Applications in Hardware' session as main research topic from the Special Session category.