2013 UK Workshop on Computational Intelligence

September 9-11, 2013, University of Surrey, Guildford, UK

Call for Papers

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Important Dates

Special sessions proposals:
March 29, 2013

Paper submission deadline:
May 17, 2013

Paper acceptance:
July 8, 2013

Final paper submission:
August 2, 2013

The 13th Annual Workshop on Computational Intelligence will be hosted by the University of Surrey, from September 9-11, 2013. UKCI is the premier UK and Ireland event for presenting leading research on all aspects of computational intelligence.

The workshop aims to provide a forum for academic researchers to share research progresses and discuss emerging topics and future directions in the field of computational intelligence. Equally important, this workshop intends to demonstrate successful case studies, identify challenges and bridge the gap between theory and practice in applying computational intelligence to solving real-world problems. The workshop will consist of regular sessions, special sessions and keynote talks from leading researchers in the field of computational intelligence.

The authors are invited to submit their original work in all areas of computational intelligence and nature-inspired computing including, but not limited to the following: neural networks, computational and cognitive neuroscience, learning systems, machine learning; fuzzy logic, fuzzy systems, type-2 fuzzy systems, approximate reasoning; evolutionary computing, evolutionary algorithms, differential evolution, swarm intelligence, ant colony optimisation, artificial immune systems, memetic computing; multi-agent systems, games, data mining, web intelligence, intelligent control, intelligent signal processing, morphogenetic self-organisation and evolutionary developmental robotics. Applications of computational intelligence techniques to bioinformatics and computational biology, brain-machine interface, digital eco-systems, healthcare and medical engineering, multi-media security and cyber security, robotics, design and manufacturing, energy and environment are particularly welcome.

UKCI 2013 is technically co-sponsored by the IEEE Computational Intelligence Society and supported by the IEEE CIS UKRI chapter. All submissions will be peer reviewed and accepted papers will be published in the conference proceedings and will be indexed in **IEEE *Xplore***. Selected papers after a substantial extension will be considered to be published in a **Soft Computing Journal** special issue. One *Best Student Paper Award* will be given out.

SUBMISSION PROCEDURE:

Prospective authors are invited to submit papers of no more than eight (8) pages in IEEE conference format, including results, figures and references. Submission details can be found at: **http://ukci2013.cs.surrey.ac.uk/**

For additional information contact the General Chair, Prof. Yaochu Jin, Department of Computing, University of Surrey, UK. Email: yaochu.jin@surrey.ac.uk.