



We are pleased to invite you to submit your original contributions to the 14th UK Workshop on Computational Intelligence which will take place at the University of Bradford, UK, on **8-10 September 2014**.

UKCI is the premier UK and Ireland event for presenting leading research on all aspects of computational intelligence. The aim of this workshop is to provide a forum for the academic community and industry to share ideas about developing and using CI techniques and to exchange views and ideas.

Papers: All submissions will be peer-reviewed; accepted papers will be included in the conference proceedings and indexed in **IEEEExplore**.

Selected papers in substantial extended form will be considered to be published in a **Special Issue of the Springer Soft Computing Journal**.

Special Sessions: We invite you to submit proposals for **Special Sessions** within the UKCI2014 single track programme, particularly in the areas of future directions for research, and novel applications of Computational Intelligence research. Please submit the application by email to UKCI2014@bradford.ac.uk and include the special session chair(s), topic and a brief description of the research community it will target.

Topics of interest include (but are not limited to):

- Machine learning, learning systems, biologically-inspired computing, neural networks;
- Fuzzy logic, fuzzy systems, approximate reasoning
- Evolutionary computing, swarm intelligence, artificial immune systems, memetic computing;
- Software agents and Multi-agent systems;
- Intelligent control, intelligent signal processing;
- New and emerging computational intelligence approaches from hybrid learning and systems, molecular and quantum computing;
- Applications of computational intelligence techniques in engineering, healthcare, finances, (cyber)security, big data.

General Chair

Professor Daniel Neagu
University of Bradford

Programme Co-Chairs

Professor Qiang Shen
Aberystwyth University
Professor Yaochu Jin
University of Surrey
Dr Daniel Kudenko
University of York

Industry Liaison Co-Chair

Dr Andrea Cullen
University of Bradford

ORGANISING COMMITTEE

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Dr Mariam Kiran
University of Bradford
Dr Paul Trundle
University of Bradford

Local Organisation Co-Chair:

Dr Yang Lan
University of Bradford

Web Chair:

Mr Luke Hampshaw
University of Bradford

Invited Speakers:

Professor Peter Cowling

Professor of Computer Science and Management
York Centre for Complex Systems Analysis
University of York

Professor Rob Procter

Professor of Social Informatics
Department of Computer Science
University of Warwick

Professor Anthony Cohn

Director of the Institute for Artificial Intelligence and Biological Systems
University of Leeds

Important Dates

Special Session Proposals: 5th May 2014
Paper Submission Deadline: 19th May 2014

Paper Acceptance: 7th July 2014
Camera ready submission: 4th August 2014