We are pleased to invite you to submit your original contributions to the 15th UK Workshop on Computational Intelligence, which will take place at the University of Exeter, UK, on 7th-9th September 2015.

UKCI is the premier UK 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 computational intelligence techniques.

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

Selected papers will be considered for publication, following substantial extension, in a Special Issue of the Soft Computing Journal (Springer).

**Important Dates**

- **Special Session Proposals:** 28th February 2015
- **Paper Submission:** 18th May 2015
- **Notification of Paper Acceptance:** 6th July 2015
- **Camera Ready Submission:** 3rd August 2015

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

- Machine learning, learning systems, biologically-inspired computing, neural networks;
- Evolutionary computation, swarm intelligence, artificial immune systems, memetic computing;
- Computational intelligence for big data;
- Knowledge representation;
- Fuzzy logic, fuzzy systems, approximate reasoning;
- Software agents and multi-agent systems, intelligent control;
- Intelligent signal, image and video 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.

**Special Sessions**

The workshop will be held in conjunction with the Natural Computing Applications Forum (NCAF).

Proposals for Special Sessions within the UKCI2015 single track programme, particularly in the areas of future directions for research, and novel applications of Computational Intelligence research, are also invited. Please submit applications to ukci2015@exeter.ac.uk including details of special session chair(s), topic and an outline of why the topic is of particular relevance or timeliness.

The workshop will take place at the Innovation Centre, located on the University of Exeter’s Streatham Campus, a short walk from the city of Exeter. The city offers excellent transport links, with easy access to the M5, two mainline railway stations, an international airport and nearby continental ferry links. Beyond the array of activities within the city, Exeter is close to the Jurassic Coast, the English Riviera, as well as Dartmoor and Exmoor National Parks. We look forward to welcoming you to Devon in 2015.

**Organising Committee**

**General Chair**
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  University of Exeter
- Dr Antony Galton
  University of Exeter
- Prof. Yaochu Jin
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