

# ICSE2012

## 22nd International Conference on Systems Engineering

11-13 September 2012

### Preliminary Announcement, Call for Papers

The 22nd International Conference on Systems Engineering, ICSE2012, will take place at Coventry University, UK. It will be organised through the Control Theory and Applications Centre (CTAC), an interdisciplinary research centre based within the Faculty of Engineering and Computing.

#### Scope of Conference

In line with previous conferences in this series, ICSE2012 will cover the general area of Systems Engineering, with particular emphasis being placed on applications. It is expected to include sessions on the following themes:

Advanced Informatics and Control  
Algorithms and Architectures  
Artificial Intelligence in Control  
Biomedical Engineering Systems  
Control Applications in Transportation Systems  
Design Methods of Control Systems  
Educational Developments in Control  
Energy Efficiency and Environmental Systems  
Estimation and Filtering for Control  
Fault Detection and Condition Monitoring

Image and Signal Processing  
Industrial Process Applications of Control  
Logistics and Scheduling in Manufacturing  
Modelling and Simulation Tools for Control  
Networked Control Systems and Applications  
Nonlinear Control System Design  
Robotics and Automation  
Smart Sensors and Actuators  
Supply Chain Modelling and Control  
System Identification

#### Call for papers/specialist sessions

Authors wishing to contribute to the Conference should submit an extended abstract of their proposed contribution before **30 March 2012**. The abstract should be typed and written in English. Reviewing of abstracts submitted before the deadline date take place on a regular basis and allows early decisions to be taken, assisting authors in planning their travelling arrangements. Proposals for specialist sessions on a focused theme relevant to the Conference are also welcomed, each session consisting of up to six papers. All papers presented will be considered for possible publication in the Journal 'Systems Science', published in Poland (in English), and other professional Journals.

#### Preliminary arrangements

The full Conference fee is provisionally estimated at £495, (with discounts for students and single day rates allowing industrialists to participate for one day only). The full-fee includes the CD-ROM proceedings, Welcome Reception on the 11th, refreshments, tea/coffee breaks and light snack/buffet lunches on the 11th, 12th and 13th, Banquet on the 12th and Farewell Party on the 13th. A separate one-day pre-conference workshop on Monday 10th September for postgraduate research students is also being planned.

#### Contact address for queries and submission of abstracts

The conference website may be found at: [www.coventry.ac.uk/icse2012](http://www.coventry.ac.uk/icse2012)

#### Conference Secretary ICSE2012

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