



## Call For Papers - Symposium on

# “Intelligence for Cyber-physical and Embedded Systems”

at 2016 IEEE Symposium Series in Computational Intelligence



### Symposium Organizers

**Cesare Alippi (Italy)**  
**Giacomo Boracchi (Italy)**  
**Manuel Roveri (Italy)**

### Important dates

#### Paper Submission

July 18, 2016

#### Notifications to Authors

September 12, 2016

#### Final Submission:

October 10, 2016

#### Early registration:

October 10, 2016

#### Conference Dates:

December 6 - 9, 2016

### Paper submission

Submissions must contain original, high quality, not submitted or elsewhere published work.

Accepted papers will be included in the IEEE SSCI 2016 Proceedings and indexed on IEEE Xplore.

Further information and Paper Submission Procedure can be found at the IEEE SSCI 2016 webpage

<http://ssci2016.cs.surrey.ac.uk/>

Please make sure you select the IntECS'16 Symposium in the first step of the submission process.

### Symposium Aims

In recent years, there has been an increasing interest in designing embedded and cyber-physical systems featuring intelligent skills. Beside addressing the specific tasks they have been designed for, these systems are expected, for example, to autonomously make decisions/activate reactions, perform self-diagnosis, and learn from and interact with the operating environment.

This symposium addresses novel and emerging computational-intelligence and machine-learning solutions to provide such an intelligent behavior to embedded and cyberphysical systems. IntECS aspires at providing a forum for researchers who are actively working on intelligent embedded and cyberphysical systems and, more in general, on computational intelligent solutions for real world applications.

**The symposium will be held within the IEEE 2016 Symposium Series in Computational Intelligence (6 – 9 December 2016, Athens, Greece)**

### Topics

**Papers must present original work or review the state-of-the-art in the following non-exhaustive list of topics:**

- Intelligence for embedded systems
- Intelligence for cyber-physical systems
- Cognitive fault-diagnosis systems
- Smart objects and Internet of Things
- Intelligent sensor networks
- Intelligent sensors and robotics
- Intelligent measurement systems
- Adaptive solutions to operate in evolving/changing environments
- Intelligent systems for real-world applications
- Computational intelligence techniques for smart buildings and critical-infrastructure monitoring

### Keywords

Embedded systems, cyber-physical systems, fault-diagnosis systems, intelligent applications, intelligent sensors, intelligent sensor networks, Computational Intelligence, Internet of Things.

**For further information, please visit the symposium web site at the following address**

**<http://ssci2016.cs.surrey.ac.uk/IntECS.htm>**