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Orlando, Florida, December 9 -12, 2014

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Intelligent embedded systems, i.e., embedded processing systems with sensors, actuators and computational intelligence -based computing ability, permeate our daily life. This symposium aims at disseminating recent achievements in computational intelligence towards embedded systems highlighting intelligent behaviors.

This symposium aspires at building a bridge between academic and industrial research, as well as among researchers working in different fields, with the specific purpose of designing systems and embedded systems able to adapt and interact with evolving environments.

The symposium will be held within the IEEE Symposium Series in Computational Intelligence (Orlando, Florida, December 9 -12, 2014)

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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
• Computational intelligence for cyber-physical systems
• Intelligent fault diagnosis systems
• Intelligent solutions for 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

Keywords

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

Keynote Speaker

Jose C. Principe, Ph.D. Distinguished Professor ECE BellSouth Professor and Director Computational NeuroEngineering Lab, University of Florida.

Further information and Paper submission can be found at the IEEE SSCI 2014 webpage

http://ieee-ssci.org

Please make sure you select the IES’14 Symposium in the first step of the submission process.