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**Special Session Call for Papers  
International Symposium on Computer, Consumer and  
Control, 2014**

**Special Session organizer:**

Prof. Zhouxing Fu

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**Session name: *Pattern Recognition and Intelligent Algorithms***

**Introduction/ Call for papers**

Pattern Recognition is a fast growing research area with applications in many kind of fields such as image recognition, speech recognition, face recognition, optical character recognition (OCR), and computer-aided diagnosis and so on. Pattern recognition is a strategy that tries to recognize data based on a priori knowledge or on a statistical information extracted from the external patterns. It is also a subject being used in a scope of combing many disciplines, with different intelligent algorithms.

In recent decades, several intelligent algorithms have also being proposed such as Fuzzy Reasoning, Neural Network, Genetic Algorithm, Artificial Immune System, PSO Algorithm, Artificial Bee Algorithm, Colony Ant Algorithm, Bacterial Foraging Algorithm, etc. Additionally, several hybrid intelligent algorithms have been suggested and applied in several research fields.

This session includes the mathematical and physical theories of the pattern recognition and intelligent algorithms in physical, engineering, biological studies, and their various applications. Prospective authors are invited to submit original papers to this Special Session.

## **Indicative Topics/Areas**

The topics of interest include, but are not limited to

- Image and Speech Analysis in Pattern Recognitions
- Computer Simulation and Analysis in Intelligent Algorithms
- Intelligent Learning in Pattern Recognition and Data Fusion
- Intelligent Algorithms for Signal Processing
- Other System Simulation and Control Applications

Prospective contributors are invited to submit their paper to Prof. Fu by email wangm@xust.edu.cn. All presented papers will be published in the Proceedings and the excellent papers will be recommended for publication in the special issue of SCI Journal.