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Special Sessions Call for Papers
**The Third IEEE International Symposium on Computer,
Consumer and Control, 2016**

Session organizer : Prof. Zhou-Xing Fu

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and Technology

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Session name: *Information processing and Intelligent System*

Technologies in the research field of information processing and intelligent system have made great progress in recent decades, and electrical and control engineering has now become a popular term in the field of the present third industrial revolution. Many researchers in information processing and intelligent system have made great efforts to develop for technologies, theories, methods, and applications of quality metrics, etc.

With the advancement of computer hardware and software providing more powerful computing environments, information processing and intelligent system researchers have been able to challenge solving larger and more complex problems. Driven by such motivation, the innovative methodologies of information processing and intelligent system are proposed not only in area of engineering but also in new paradigms in systems. In addition, information processing and intelligent system researchers have applied the developed methods to various real world problems such as power system. The objective of special session is focus on technologies, theories, methods, and applications of quality metrics in information and intelligent system. You are strongly encouraged to submit original research papers of the topics which related but are not limit to.

■ **ELECTRICAL ENGINEERING**

• Wind power, Hydropower, thermal Power, and Solar Power

- Fault Detection

- Coal Mining, Coal Transportation, and Mine Safety

■ INTELLIGENT SYSTEMS AND CONTROL

- System Modeling and Simulation, Dynamics and Control

- Intelligent and Learning Control

- Robotics and Mechatronics

- Robust and Nonlinear Control

■ INFORMATION ESSINC

- Pattern Recognition Theory and Methods

- Statistical Signal Processing and Applications

- Recognition of Grid Failure and Grounding Corrosion

- Neural Networks, Fuzzy Systems, Expert Systems, Genetic Algorithms and Data Fusion for Pattern Recognition

Prospective contributors are invited to submit their paper to Prof. Wang by email fuzx@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.