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

Session organizer : Prof. Mei Wang

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Session name: *Electric and Control Engineering*

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

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

Topics/Areas

The topics of interest include, but are not limited to

■ **ELECTRICAL ENGINEERING**

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

- Fault Detection
- Coal Mining, Coal Transportation, and Mine Safety
- **SYSTEMS AND CONTROL**
 - System Modeling and Simulation, Dynamics and Control
 - Intelligent and Learning Control
 - Robotics and Mechatronics
 - Robust and Nonlinear Control
- **PATTERN RECOGNITION**
 - Pattern Recognition Theory and Methods
 - Statistical of Gird Failure and Grounding Corrosion
 - Neural Networkes, 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 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 Journals. please note that papers must submit via the submission system website and meet the format of IS3C2016.