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

Special Session organizer: Associate Professor Koan-Yuh Chang
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Session name: *Control and Computer Engineering*

Introduction/ Call for papers

Technologies in the research field of **control and computer engineering** have made great progress in recent decades, and control and computer engineering has now become a popular term in the field of electrical/mechanic engineering. Many researchers in control and computer engineering have made great efforts to develop methodologies for electrical engineering, software application engineering, networks engineering, etc, and these research results have had great influence in the greater field of control and computer engineering.

With the advancement of computer hardware providing more powerful computing environments, control and computer engineering researchers have been able to challenge solving larger and more complex problems. Driven by such motivation, the innovative methodologies of control and computer engineering are proposed not only in area of engineering but also in new paradigms in computer science. In addition, control and computer engineering researchers have applied the developed methods to various problems such as robotic, electric unicycle, wind turbine, network system and so on. This session includes the mathematical and physical theories of the nonlinear dynamics analysis and control in electrical engineering, software application engineering, networks engineering and their various applications. Prospective authors are invited to submit original papers to the Special Session.

Indicative Topics/Areas

The topics of interest include, but are not limited to

- Control Science and Control Engineering
- Power Optimization
- Software Application Engineering
- Algorithm Design
- Other Control Applications

Prospective contributors are invited to submit their paper to Associate Prof. Chang by email kychang@cc.ctu.edu.tw. 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.