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

Special Session organizer: Prof. Jian Fang

Session name: *Robot Control and Fuzzy System*

Introduction/ Call for papers

Mobile robot is a set of context-aware, dynamic decision-making and planning, behavior control and enforcement and other functions into one integrated system. It focused on the sensor technology, information processing, electronic engineering, computer engineering, automation control engineering and artificial intelligence, multi-disciplinary research, represents the highest achievement of mechatronics, is the scientific and technological development of the most active areas. With the constantly improving performance of the robot, mobile robot significantly expanded range of applications, not only in industry, agriculture, health care, services and other industries widely used, but also in urban security, defense and space exploration areas and other harmful and dangerous situations to get good application. Therefore, the mobile robot technology has been widespread concern around the world.

Nearly 20 years, both in theory and fuzzy control technology has made great strides to become a very active field of automatic control but fruitful branch. Typical applications involve many aspects of production and life, such as household appliances have fuzzy washing machines, air-conditioning, microwave ovens, vacuum cleaners, cameras and video cameras; in the field of industrial control and water purification treatment, the fermentation process, the chemical reactor , cement kilns, etc.; proprietary systems and other aspects of the subway stop by the station, car driving, elevators, escalators, steam engines and robots fuzzy control.

The purpose of this special session is in this important area for researchers and practitioners to provide a forum for exchanging new ideas, innovative thinking, ideas,

and fuzzy control and mobile robot control applications. Authors are invited to submit original documents intended special meeting.

Indicative Topics/Areas

The topics of interest include, but are not limited to

- machine robot simulation mathematical model
- attitude control
- information fusion technology
- Fuzzy Control
- Robot Motion and Control
- robotics and mechatronics
- Intelligent Control
- other mechanical or robotic and control applications

Prospective contributors are invited to submit their paper to Prof. Fang by email 757314739@qq.com. 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.