

Subject: Invited Session Proposal for ICSPAC 2021

Proposed Session Name: Intelligent control, optimization and security management for transportation-energy-information based triple play

As the green transportation, clean energy, artificial intelligence and Internet of Things technology (IoT Tech) rapidly develops, synergy construct of transportation-energy-information based triple play has accelerated the development of smart transportation and smart energy, and gives impetus to modernization of infrastructure. In the past decade, intelligent optimal control, security management and energy consumption optimization for transportation-energy-information based triple play have obtained the widespread attention by experts in related domains, and remarkable results have been achieved.

As a result, we strongly hope to propose an invited session for ICSPAC 2021 entitled '**Intelligent control, optimization and security management for transportation-energy-information based triple play**'. This special session is aiming to provide an opportunity for bringing together researchers from diverse fields and specializations, such as communications engineering, computer science, electrical and electronics engineering, transportation engineering, mathematics, and specialists in the areas related to smart transportation, smart energy and other transportation-energy- information based triple play technologies. Topics of interest include, but are not limited to the following:

- Standard modeling techniques of smart transportation, smart energy and other smart engineering for transportation-energy-information based triple play;
- Applications of advanced control and modern AI techniques in the control and optimization of smart transportation and smart energy;
- Advanced IoT technologies and management methods for smart transportation, smart energy and other smart engineering;
- Advanced detection and defense techniques for the security of smart transportation, smart energy and other smart engineering;
- Relative theories and methods supporting transportation-energy-information based triple play.

Yours sincerely,

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Organizers:

Session Chair: Qihe Shan

Session Co-Chair: Fei Teng