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Special Session on

"Autonomous Shipboard and Energy Systems"

Organized by

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Call for Papers

Theme: (100 words)

Autonomous system (AS), which can be seen as the unit of router policy on the internet, has continued at a very significant pace over the last two decades, such as Autonomous Underwater Vehicles (AUVs), Autonomous System Network (ASN), Intelligent Autonomous Systems (IAS), recently intelligent energy system, auto driving systems, and industrial automation and intelligence. Autonomous shipboard and energy systems can improve safety, increase efficiency, and relieve humans from unsafe and repetitive tasks in shipboard and energy construction systems. Autonomous Shipboard and Energy Systems have a very broad development prospect, which may have entirely automated, or even autonomous, processes that operate without human intervention, and can be seen as a further evolution of the shipboard system and reliable energy systems. Thus, it has been becoming more important how to apply such intelligent Autonomous Systems into the shipboard system and energy systems.

Topics of interest include, but are not limited to:
- Topic 1 Design and analysis of Autonomous Systems
- Topic 2 Motion control technology of Autonomous Systems
- Topic 3 Sensing, Navigation and Control of Autonomous Systems

- Topic 4 Formation Cooperative Control of Autonomous Marine Systems
- Topic 5 Artificial intelligent application on Industrial Systems
- Topic 6 Smart grids, Data transmission & Processing Technologies
- Topic 7 Intelligent energy system, auto-driving systems
- Topic 8 Other related technologies for Autonomous Shipboard and Energy Systems