CALL FOR PAPERS
SPECIAL SESSION ON
"Intelligent Ships and Maritime Transportation Technique"
ICIST2024
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Session Organizers:
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Session Description:

With the rapid advancement in intelligent systems and transportation technology, intelligent ships are becoming increasingly prominent in modern maritime operations. These innovations aim to enhance safety, efficiency, and sustainability in the maritime industry. Intelligent ships integrate advanced technologies in communication, navigation, control, and automation to perform tasks that traditionally require human intervention, reducing the risks associated with complex and hazardous marine environments.

Intelligent ship technologies encompass a wide range of applications, including cooperation control, cyber-security, communication, navigation, and sensing techniques. Despite significant progress in recent years, challenges remain in optimizing these technologies for varied and unpredictable maritime conditions.

The aim of this invited session is to provide a platform for researchers and practitioners to exchange their latest theoretical and practical advancements in intelligent ship technology and transportation techniques. We welcome submissions that present original ideas and novel contributions in this field.

Topics and Technical Issues include (but not limited to)
- Coordination and Control of Multi-Ships;
- Cyber-Security Techniques for Ships;
- Machine Learning and AI Techniques in Maritime Transportation;
- Data-Driven Decision-Making for Autonomous Ships;
- Ship Behavior Analysis and Application;
- Advanced Communication, Sensing, Positioning, and Navigation Techniques for Ships;

SUBMISSION
Papers must be submitted electronically for peer review through online paper submission by **Aug 1, 2024**:
https://openreview.net/group?id=IEEE.org/ICIST/2024/Conference#tab-your-consoles.

All papers must be written in English and should describe original work. For guidelines, please follow the ICIST website link https://conference.cs.cityu.edu.hk/icist/.

Important Dates
Aug 1, 2024: deadline for paper submission
Sep 1, 2024: notification of paper acceptance
Oct 1, 2024: deadline for final camera-ready papers.