

Special Issue

Protection of Ships against Fire and Personnel Evacuation

Message from the Guest Editor

Shipboard fires are a persistent and potentially devastating threat. They can ignite due to various factors, including equipment failures, electrical faults, chemical hazards, and human error. Understanding the ignition sources, fire dynamics, and propagation mechanisms is crucial for effective fire prevention and response. Evacuating individuals from a ship in the event of a fire is a complex endeavor, heavily influenced by factors such as vessel design, onboard infrastructure, fire location, sea conditions, and evacuation protocols. In conclusion, shipboard fires and personnel evacuation represent a dynamic and evolving research area that plays a pivotal role in safeguarding maritime operations and protecting lives and the environment. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following: oil pool fires on ships in different wind environments, multiple ignition source fire combustion characteristics of ships, research on fire-resistant materials and technologies, safe evacuation of personnel and so on. We look forward to receiving your contributions.

Guest Editor

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Deadline for manuscript submissions

closed (31 August 2024)



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