



## The aim of the ISAV

The aim of ISAV 2018 is to promote all aspects of maritime safety and security in the context of autonomous vessels. The seminar focuses on exchanging knowledge about key safety and security challenges and opportunities in the context of autonomous vessels and the ecosystem of an autonomous maritime system. The seminar has special emphasis on:

- The challenges in managing safety and security in the operation of autonomous vessels and the entire ecosystem of an autonomous maritime system
- Innovative approaches for managing the safety of autonomous vessels, supporting the design, operations and managerial strategies for ensuring the safety in the functioning of the autonomous maritime system.
- Digitalization as technological enabler for efficient safety and security assurance in the context of autonomous shipping
- Discussion and research on how to standardize safety approaches for autonomous vessels.
- The development of intelligent security strategies for establishing resilient and robust systems for autonomous vessels
- Safety and security integration in the operative context of autonomous maritime systems

## Topics

Hazard analysis, Risk analysis, Risk assessment, Risk management, Safety and Security Design, Safety engineering, Safety Management, Accident prevention, Emergency response, Safety legal framework, Safety, security and technology integration, Cybersecurity, Security Management and Defense systems.

## Contact Information

D.Sc. Osiris A. Valdez Banda ([osiris.valdez.banda@aalto.fi](mailto:osiris.valdez.banda@aalto.fi))