

ISIS-MTE 2018

International Symposium Information on Ships & Marine Traffic Engineering Conference

Berlin, Germany
27.09 - 28.09.2018

Call for Papers

German Institute of Navigation

Deutsche Gesellschaft für Ortung und Navigation e. V. (DGON)



Scope: Navigating the Oceans

It is Tuesday, 28th May 2030, north of the Canary Islands. After a relaxing night, the first officer enters the idle bridge. A translucent projection on the windows highlights a swarm of unmanned trawlers fishing four nautical miles on port side, while their unmanned sister ship is still following them with two miles distance. Furthermore, a computer voice informs him about two ship encounters that took place during the night, while those are replayed on a tablet next to the captain's seat. The officer checks the vessel's position and route, which has slightly shifted to South.

A short videochat with the shore officer in Flensburg, who supervised the vessel during the night, and he has been informed that due to the latest weather forecast the course has been adjusted to avoid an upcoming low pressure system and that the weekly security update for the ECDIS is overdue. Furthermore, he got briefed that the shore office has cross-analyzed fuel injection sensor with the voyage data and detected a decreasing performance. The analyses expects a degrading hull performance, hence a cleaning has been ordered in the next port.

Shortly after this hand-over, he cross checks the event log of the lookout system, before he goes down to the galley. Each Tuesday morning, he there meets the chief onboard administrator for a coffee, before they do the routine security checks on the bridge.

Main topics

Please highlight in your paper, how your research will contribute to the outlined vision of navigation in 2030. Specifically, the Symposium will focus on:

- Autonomous Ship Technologies
- Cyber Risk Management
- Shore-based Navigation
- Maritime Big Data–driven Efficiency and Safety
- Navigational Aids to the Mariner: ECDIS and more
- Mariner of the Future: Tasks, Challenges, Training

Contributions

Authors are invited to submit papers in English language on any of the main topics by email to dgon.bonn@t-online.de for consideration by the Programme Committee. Abstracts shall contain about 500 words/minimum one page, show a main item or result of the topic (photo, table, illustration, etc.). The Conference fee for presenters of accepted papers will be reduced considerably.

The Conference Programme and Registration Form will be published a few months prior to the event on our website <http://www.dgon-isis.org>.

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The cover page of submitted abstracts shall include:

- Title of paper / contribution
- Name(s) of author(s), Organisation / company (if applicable)
- Mailing address, Phone and fax numbers, E-mail address
- Identification of presenting author

Authors will be notified of accepted / rejected papers by 12 April 2018

Deadlines

Electronically submission of abstracts: 09 March 2018

Notification of acceptance: 12 April 2018

Receipt of presentations/full papers: 06 September 2018

Conference Location

Maritim proArte Hotel Berlin

Friedrichstraße 151

10117 Berlin, Germany

Get-Together-Party:

26 September 2018