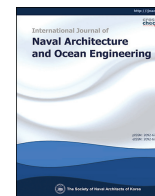




Contents lists available at ScienceDirect

International Journal of Naval Architecture and Ocean Engineering

journal homepage: <http://www.journals.elsevier.com/international-journal-of-naval-architecture-and-ocean-engineering/>



Guest Editorial

The 24th International Conference on Port and Ocean Engineering under Arctic Conditions (POAC 2017) was successfully held at Busan, Korea, June 11–16, 2017. The POAC conference has been held biannually at different venues since 1971 and the 24th POAC conference was hosted by the Society of Naval Architects of Korea, and was supported by the Korea Research Institute of Ships and Ocean Engineering and also by the Metropolitan City of Busan.

The objective of this meeting is to bring together international experts in the field of science and engineering in ice-infested waters. Traditionally ice problems for structures and ships have been the common issue for the technical sessions. 5 keynote lectures and 124 papers among 216 submitted manuscripts were presented at POAC 2017. The paper presentation was structured into 15 topics:

1. Arctic Environments and Sea Ice Properties
2. Ice Mechanics
3. Ice-Structure Interactions
4. Remote Sensing and Ice Modelling
5. Ships in Ice
6. Ice Trials and Field Measurement
7. Laboratory Model Test
8. Arctic Marine Structures and Construction
9. Russian Arctic Offshore
10. Shipping and NSR Navigation
11. EER and Ice management
12. Polar Codes and Regulations
13. Winterization and Arctic Operation
14. Station Keeping in Ice
15. Oil Spills in Ice Water

After the conference, the Local Organizing Committee of POAC 2017 and the Society of Naval Architects of Korea agreed to arrange a special section in a volume of the International Journal of Naval Architecture and Ocean Engineering (IJNAOE) for the selected papers. A total of 8 papers from POAC 2017 proceedings were carefully selected and compiled for the special section in the current issue.

On behalf of LOC of POAC 2017, special thanks go to members of the Local Scientific Committee for their efforts for selection and review of the papers. Also I express my sincere gratitude to the authors for their agreement on publication and revision efforts to meet the quality and format of IJNAOE.



Kyungsik Choi, Chair, Paper Committee of POAC 2017
Korea Maritime and Ocean University, Busan, South Korea
E-mail address: kchoi@kmou.ac.kr

Available online 19 March 2018

Peer review under responsibility of Society of Naval Architects of Korea.

<https://doi.org/10.1016/j.ijnaoe.2018.02.012>

2092-6782/© 2018 Production and hosting by Elsevier B.V. on behalf of Society of Naval Architects of Korea. This is an open access article under the CC BY-NC-ND license (<http://creativecommons.org/licenses/by-nc-nd/4.0/>).