

**Special Issue of Ship Technology Research “Simulation-driven Design of Maritime Systems”  
on the occasion of Prof. Dr.-Ing. Dr. h.c. Horst Nowacki’s 90<sup>th</sup> birthday**

On the special occasion of the upcoming 90<sup>th</sup> birthday of Prof. Dr.-Ing. Dr. h.c. Horst Nowacki, former head of the section Ship Design at the Technical University Berlin, Germany, and former professor at the University of Michigan, USA, a special issue of Ship Technology Research shall be published in the first half of 2023.

Ship Technology Research by Taylor & Francis Online, <https://www.tandfonline.com/journals/ystr20>, is a peer-reviewed journal that presents and discusses the latest developments in research, design, manufacture, operation, and maintenance concerning ships and offshore structures.

The Editor in Chief of Ship Technology Research, Prof. Dr.-Ing. Bettar Ould el Moctar from the University Duisburg-Essen, Germany, along with two guest editors, Prof. Dr.-Ing. habil. Apostolos Papanikolaou and Dr.-Ing. Stefan Harries, would like to call for papers in the wider field of “Simulation-driven Design of Maritime Systems”.

Both guest editors – Apostolos Papanikolaou, emeritus professor at the National Technical University Athens, Greece, and Stefan Harries, member of the executive board of FRIENDSHIP SYSTEMS in Potsdam, Germany – look back at inspirational years with Horst Nowacki. The special issue will be an occasion to honor Prof. Nowacki’s exceptional achievements. In the context of naval architecture and ocean engineering, topics for which papers are sought are

- Ship design and numerical ship hydrodynamics
- Geometric modeling and parametric design
- Formal optimization and machine learning
- Product data technology and data exchange
- History of Ship Theory and Ship Design

The **deadline for manuscripts** is **February 15, 2023**, to be submitted via Taylor & Francis’ Editorial Manager. All scientific contributions will be peer-reviewed according to the high standards of Ship Technology Research. Please see [https://think.taylorandfrancis.com/special\\_issues/ship-technology-research/](https://think.taylorandfrancis.com/special_issues/ship-technology-research/) for details and links. In addition, the guest editors would be very happy to receive an informal and short feedback via email by **December 15, 2022**, indicating whether or not you are planning to contribute an original research paper.

Complementing the technical and scientific papers, the guest editors also invite former colleagues, fellow scientists, co-workers, companions, and friends of Horst Nowacki’s to send words of greeting, share experiences, hand in photos, and extend their warm wishes. This material will be reviewed and subsequently shared on a dedicated website, creating a document of personal value referenced within the special issue’s editorial.

Please send any **personal contribution directly via email** to both [harries@friendship-systems.com](mailto:harries@friendship-systems.com) and [papa@deslab.ntua.gr](mailto:papa@deslab.ntua.gr) by **December 15, 2022**, too. It is planned to set up a public area and a password-protected private area for a dedicated website which will be hosted by FRIENDSHIP SYSTEMS. Please specify explicitly if any part of your contribution is meant to be shared in the private area only.

We are very much looking forward to both your scientific contributions and personal material.

Kind regards,

Apostolos Papanikolaou and Stefan Harries

### **Additional information for authors that intend to contribute an original research paper**

All the articles submitted to the special issue of **Ship Technology Research – Schiffstechnik** will be reviewed by the guest editors, and two external referees. Please note that submission to the special issue does not automatically guarantee acceptance. All articles will be reviewed in respect to the standards, aims and scope of both the special issue and the journal. Copies of the reviewers' comments will be sent to you in a decision letter, along with any requests they may make for revisions.

Publication of the issue is planned for the first half of 2023, and we need to receive your manuscript for review by **February 15, 2023**. If revisions are required, the final, accepted version of the article has to be uploaded by **April 15, 2023**.

Please check the **Instructions for Authors** for details of how the manuscript should be presented, see [https://think.taylorandfrancis.com/special\\_issues/ship-technology-research/](https://think.taylorandfrancis.com/special_issues/ship-technology-research/) for links. Manuscripts are to be submitted through the **Editorial Manager** which you can reach via the website by clicking **Submit an Article**. New users should first create an account. Once a user is logged onto the site, submissions should be made via the Author Centre. The publishers require all contributions to the issue to be accompanied by a signed Author Publishing Agreement.

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We hope that you will be interested in submitting an article to this issue, as your interests in this area are well-known, and your submission would make a significant contribution to what we intend to be an exciting and high-quality focused publication.