



CALL FOR PAPERS

Special Issue on "*The Time Factor in Maritime and Port Logistics*"

of the XXIV International Conference on Material Handling, Constructions and Logistics (MHCL 2022)

As part of the International Conference MHCL 2022, a special session on Maritime and Port Logistics (MPL) is calling for papers on *The Time Factor in Maritime and Port Logistics*. **This Special Session will be held in Belgrade (Serbia) from the 21st to the 23rd September, 2022 and in Bar (Montenegro) from the 14th to the 16th December, 2022.** The best rated papers from this special session will be selected for the Special Issue.

The area of MHCL has been gaining a new momentum at the beginning of 21st century. Modern machinery, materials handling and logistics systems today employ fast-developing advanced technologies, which require deep interdisciplinary expertise to ensure successful implementation. To addressing these issues, MHCL conferences have become an important academic event of long history, bringing together leading academic scientists, researchers and research scholars to exchange and share their experiences and research results on related topics. MHCL 2022 is organized by the Department of Material Handling, Constructions and Logistics, Faculty of Mechanical Engineering, University of Belgrade, Serbia together with the Engineering Design and Logistics Engineering, Vienna University of Technology (TU Wien), Austria. It will be held in Belgrade (Serbia) from the 21st to the 22nd September 2022.

It has been a tradition of MHCL since 2009 to organize a Special Session E: Maritime and Port Logistics (MPL), which plays a vital role in the global transportation systems. This MPL session is organized twice a year, e.g. in 2019 the First Part of the MPL was held in Bar (the Bar conference) and the Second Part of the MPL was held in Wien (the Wien conference). This year the MPL special session, with the theme of *The Time Factor in MPL*, will be organized as two parts again:

1. Belgrade (Serbia) from 21st to 23rd September 2022 and
2. Bar (Montenegro) from 14th to 16th December 2022.

The Time Factor in MPL will provide an interdisciplinary forum for exchange of ideas and discussion of new results and crucial achievements in the Maritime and Port Logistics field, with respect to better understanding of *The Time Factor in MPL* fundamental properties as well as applications. Managing the time factor is an important issue in maritime and port logistics with twofold impact. The first one is port congestion which impedes shipping lines from delivering impeccable liner services, whilst the second puts pressure on applying and using new emerging technologies in maritime and port logistics such as SMART technologies among all others. Novel materials and modeling will receive special attention. This Special issue will gather selected high-quality papers addressing all aspects, not limited to the ones listed below. All works related to developments and applications of logistics and maritime systems are welcome. Authors who cannot attend the conference session are also encouraged to submit their papers directly to the Journal. The special issue includes, but is not limited to, the following topics:

- Real-time Control of Maritime and Port Logistics Activities
- The Time Factor in Maritime Transport Services
- A Time-based Policy for Empty Container Management
- Scheduling in Maritime and Port Logistics
- Ship Scheduling and Network Design in Maritime Transport
- Optimization Modeling and Simulation of Ships Time in Port
- Forecasting Techniques in Maritime and Port Logistics
- The Recent Trends in Port Connectivity
- Analytics in Maritime and Port Logistics
- Optimization Modelling and Simulation in Maritime and Port Logistics
- Technologies and Research in the Container Terminals
- Port Automation, Electrification and Digitalization
- Competition and Cooperation in Maritime and Port Logistics
- Data Science and IT-technologies in Maritime and Port Logistics
- Environmental Issues in Maritime and Port Logistics
- SMART Technologies in Maritime and Port Logistics
- Blockchain Technology for Maritime and Port Logistics Capability
- Industry 4.0 in Maritime and Port Logistics
- Smart and Sustainable Maritime and Port Logistics Systems

Important dates

- Manuscript submission: 15th January 2023
- **Note: The special issue is live on ScholarOne and is ready to receive submissions from 18th July 2022.**
- First reviewer feedback: 15th March 2023
- Revised paper submission: 15th April 2023
- Acceptance/rejection notification: 1st June 2023
- Expected publication date: 1st October 2023

Contacts

If any queries, please feel free to discuss your manuscript ideas with the Guest Editors:

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