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XXV MHCL 2024 International Conference

18th-20th September 2024, Wien, Austria www.mhcl.info



12th-14th December 2024, Bar, Montenegro www.mplmhcl.com



IV MARITIME AND
PORT LOGISTICS of
the MHCL 2024

- Bar Conference -
Sustainable and
Smart Maritime
and Port Logistics
12th-14th Dec. 2024,
Bar, Montenegro

XXV INTERNATIONAL
CONFERENCE ON MATERIAL
HANDLING, CONSTRUCTIONS AND
LOGISTICS – MHCL'24



TECHNISCHE
UNIVERSITÄT
WIEN
Vienna University of Technology



UNIVERSITY OF
BELGRADE
FACULTY OF MECHANICAL
ENGINEERING

XXV International Conference on Material Handling, Constructions and Logistics September 18th – 20th & Dec. 12th – 14th, 2024

CALL FOR PAPERS – Special Session MARITIME AND PORT LOGISTICS - MPL Bar Conference and Wien Conference

Time: Sept. 18th – 20th, 2024, Wien (Austria), **Physical attending**
Dec. 12th – 14th, 2024, Bar (Montenegro), **Hybrid Conference**

Theme: **Sustainable and Smart Maritime and Port Logistics**

Dear colleagues and friends,

We invite you to submit a paper for the MPL of the MHCL – Wien Conference and Bar Conference. All details can be found on the Conferences website www.mplmhcl.com & www.mhcl.info. The Bar Conferences email address is branod1809@gmail.com.

The MPL of the MHCL – Bar Conference is organized every two years. This year the Maritime and Port Logistics special session, with the theme of **Sustainable and Smart MPL**, will be organized as two parts again:

1. Wien Conference (Austria) from **18th to 20th September 2024, The First Part - Physical attending**, and
2. Bar Conference (Montenegro) from **12th to 14th Dec. 2024, The Second Part - Hybrid Conference**.

Call for Papers for the Wien Conference

We are happy to invite you to send us a paper for the Wien Conference:

- 1) Papers from the First Part of the MPL (**18th to 20th September 2024, Wien, Austria**) will be printed as integral part of the Proceedings of MHCL 2024 as hard copy and on CD-ROM. **Selected papers** from First and Second Parts of the MPL (about 15 papers), **will be published** in three Special issues of the previous mentioned relevant International Journals.

Call for Papers for the Bar Conference

We are happy to invite you to send us a paper for the Bar Conference:

- 2) Papers from the Second Part of the MPL (**12th to 14th Dec. 2024, Bar Conference**) will be printed in separate Proceedings of MHCL 2024 as hard copy and on CD-ROM. **Selected papers** duly presented during Conference (about 15 papers, after papers' extension), will be further screened and after peer review, will be published in three Special issues of the following Journals:

- **Maritime Business Review - Special Issue: Sustainable and Smart Maritime and Port Logistics**, Provisionally is scheduled for MABR Vol. 10 Issue 3, 2025
- **FME Transactions (indexed by SCOPUS)** <http://www.mas.bg.ac.rs/istrazivanje/fme/start>
- **Journal of Applied Engineering Science** <https://www.engineeringscience.rs/>



MPL of the MHCL 2024 – Bar & Wien Conferences Topics

As part of the MHCL 2024 International Conference, the Maritime and Port Logistics (MPL) is calling for papers on the Sustainable and Smart MPL. The Bar Conference provides an interdisciplinary forum for exchange of ideas and discussion of new results and crucial achievements in the MPL field. Managing the Sustainable and Smart MPL is an important issue in maritime and port logistics with twofold impact. The first one encompasses a variety of methodologies used to lessen the environmental impact caused by the maritime industry, whilst the second puts pressure on applying and using SMART technologies in MPL. **The MPL of the MHCL 2024 includes, but is not limited to, the following topics:**

- Sustainable Maritime and Port Logistics
- Smart Maritime and Port Logistics
- Intelligent Maritime and Port Logistics Systems
- Scheduling in Maritime and Port Logistics
- Maritime and Port Logistics 4.0 and 5.0
- Optimization Modeling and Simulation of Ships' Routing
- Optimization Modeling and Simulation of Ships Time in Port
- Maritime and Port Logistics Informatics and Analytics
- Artificial Intelligence Solution for MPL
- Use Big Data in Maritime and Port Logistics
- Maritime and Port Logistics Modelling and Simulation
- Technologies and Research in the Container Terminals
- Digitalization in Maritime and Port Logistics
- IoT/IIoT System/Software for MPL
- Data Science and IT-technologies in MPL
- Cloud Systems in Maritime and Port Logistics
- Business Processes Innovation in MPL
- Blockchain Technology for MPL Capability
- Digital Twins for Maritime and Port Logistics
- Automation and robotics in Maritime and Port Logistics

Call for Presentation of the Maritime/Transport Company/Institution/Project

For Company/Institution/Project will be provided the following: 1) **possibility for own presentation up to 10 minutes**, 2) **attendance to all conference sessions**, 3) **exhibition table or multimedia content**, 4) the page in printed Conference Proceedings etc. This kind of the **Registration fee will be 300 EUR** per company/institution/project, including only one representative but for additional representative should paying 150 EUR per person.

Preliminary MPL Bar Conference Program

Wednesday, December 11th,

- Registration of participants (18:00 - 20:00),
- Welcome party (19:00 - 21:00).

Thursday, December 12th,

- Registration of participants (8:00 - 15:00),
- Opening Ceremony (9:00 - 10:00),
- Keynote Speakers (10:00 - 12:00),
- All sessions (12:00 - 18:00 including Lunch break),
- Conference dinner (19:00 - 21:00).

Friday, December 13th,

- Registration of participants (8:00 - 12:00),
- Keynote Speakers (9:00 - 11:00),
- All sessions (11:00 - 16:00 including Lunch break),
- Closing Ceremony (16:00 - 17:00),
- Conference dinner (19:00 - 22:00).

Language

The official language of the conference is English. Papers must be written and presented in English.

Registration

The registration fee is **300 EUR** (all taxes included). The registration fee includes conference material with one set of the conference proceedings in hard copy, refreshments and coffee during breaks, welcoming reception, two lunches and two conference dinners.

Important Dates and Deadlines

MPL of the MHCL 2024 – Wien Conference

July, 25th 2024 Submission of camera ready papers according to attached Template **directly on the following email address** branod1809@gmail.com

July, 30th 2024 Notification of full paper acceptance/rejection (an email message will be sent to authors)

Sept, 5th 2024 Registration payment deadline (At least one author of each paper must be registered to attend the conference).

September 18th – 20th, 2024 MPL of the MHCL – Wien Conference

MPL of the MHCL 2024 – Bar Conference

Nov., 20th 2024 Submission of camera ready papers according to attached Template **directly on the following email address** branod1809@gmail.com

Nov., 25th 2024 Notification of full paper acceptance/rejection (an email message will be sent to authors)

Dec., 05th 2024 Registration payment deadline (At least one author of each paper must be registered to attend the conference).

December 12th – 14th, 2024 MPL of the MHCL – Bar Conference