

Invited Lecturers at the MPL of MHCL 2024 - Bar Conference



Prof. Dr. Isak Karabegović,

Academy of Sciences and Arts of Bosnia and Herzegovine

Invited Lecture: *Implementation of robotics as a base technology of industry 4.0: Review of the application of service robots in port logistics*

Isak Karabegović is a member of the Academy of Sciences and Arts of Bosnia and Herzegovina and a full professor at the University of Bihać. Author of 20 books, author of 10 publications, coauthor of 17 books, editor of 33 books from international conferences, published a total of 629 scientific papers, of which 132 scientific papers published in international journals, 20 papers on general topics, over 423 papers published in the proceedings of international conferences, 54 invited lectures. Member of the editorial board of 34 international journals. Led and was a member of 46 domestic and international projects. Organized and led 45 international conferences. He was mentor and committee member of 13 doctoral dissertations, mentor of 9 master's theses. Founder: 6 laboratories, Institute of Technical Faculty, CENTA (center of new technologies). He is the founder and general secretary of the Society for Robotics in Bosnia and Herzegovina. He received his doctorate at the Faculty of Mechanical Engineering of the University of Sarajevo (FMEUS) in 1989, his master's degree at the Faculty of Mechanical Engineering and Shipbuilding, University of Zagreb in 1982, and his bachelor's degree at the FMEUS in 1978. He is the founder of the Faculty of Mechanical Engineering in Bihać in 1996 at the University of Sarajevo. Founder of the University of Bihać in 1997, and founder of the Technical Faculty in Bihać, University of Bihać in 1990. He was the dean of the Faculty of Mechanical Engineering in Bihać, on several occasions the dean of the Technical Faculty in Bihać and the rector of the University of Bihać on several occasions. His research interests include the fields of mechanics, robotics and new technologies.



Prof. Dr. Hyerim Bae

Dean, Graduate School of Data Science; Director, Safe & Clean Supply Chain Research Center; Pusan National University, Busan, Korea

Invited Lecture: *AI-Enhanced Smart Port in Korea*

Dr. Hyerim Bae is the Dean of the Graduate School of Data Science at Pusan National University, Korea. He holds a PhD, MS, and BS in Industrial Engineering from Seoul National University and previously worked as a manager in Samsung Card Corporation's information strategic planning team. Dr. Bae has held key leadership roles, including Executive Chair of the AP-BPM Steering Committee (since 2012), Chair of the Busan Global Data Hub Center (since 2014), and advisor to Busan Metropolitan City (since 2016). Currently, he leads the Human-Centered Carbon Neutral Global Supply Chain Research Center, supported by the Korean government. His research focuses on AI applications, big data analytics, and process analytics for Industry 4.0 and smart logistics. Dr. Bae has published over 140 journal articles and 200 conference papers in leading journals, with extensive research funding and collaborations with major corporations, including Samsung Heavy Industry and Busan Port Authority.



Prof. Dr. Yap Wei Yim

**Head, Maritime Management Minor
School of Business, Singapore University of Social Sciences, Singapore**

Invited Lecture: *Shipping lines reaction to the Red Sea crisis*

Associate Professor Yap is head of maritime management with Singapore University of Social Sciences. Before joining academia, he was head of strategic planning at the Maritime and Port Authority of Singapore, head of strategic planning and market research at SATS Limited (major provider of airport and aviation-related services in Asia) and chief economist and head of business intelligence in Ascendas-Singbridge Pte Ltd (largest developer of logistics parks in Asia). A/P Yap has led numerous port, shipping and logistics-related projects in countries such as Mexico, Pakistan, China, Indonesia, Vietnam and Kazakhstan. He obtained his Ph.D. in Economics from the University of Antwerp in 2009. His scientific works include those published with Transportation Research Part A, Maritime Policy and Management, Ocean and Coastal Management and Transport Reviews. His latest book entitled "Business and Economics of Port Management: An Insider's Perspective" is a comprehensive reference for insights into the workings of port industry.



Prof. Dr. Dimitrios V. Lyridis

National Technical University of Athens (NTUA), Greece

Invited Lecture: *Enhancing the Competitiveness of Short Sea Shipping*

Dimitrios V. Lyridis is an Associate Professor in the area of Maritime Transport in the School of Naval Architecture and Marine Engineering (NA&ME) at the National Technical University of Athens (NTUA). He is currently Head of the Laboratory for Maritime Transport (LMT) of NTUA. He has a Diploma in NA&ME from NTUA, an M.S. in NA&ME (Marine Systems Management) from the University of Michigan (UM), an M.S.E. in Industrial and Operations Engineering (IOE) from UM, and a Ph.D. in NA&ME from UM as well. His main scientific areas of interest are maritime economics, logistics, shipping finance, maritime transportation, and energy economics. He has undertaken a large number of research and industrial projects in maritime transport, shipping finance, and energy (including cost benefit analyses for investment projects) and he has been involved in applied commercial projects in the areas of ship investment, restructuring, marketing, business and operational planning (including feasibility studies and business plans) for Small and Medium Enterprises (SME's) in the EU and in developing countries.