

# The 1st International Conference on Maritime Education and Development

Sanja Bauk • Stojče Dimov Ilčev  
Editors

# The 1st International Conference on Maritime Education and Development

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*Editors*

Sanja Bauk  
Maritime Studies Department  
Durban University of Technology  
Durban, South Africa

Stojče Dimov Ilčev  
Space Science Centre (SSC)  
Durban University of Technology (DUT)  
Durban, South Africa

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*So who exactly is steering the ship?*  
(Egleman, D.)

# Preface

It is our great pleasure to present the 1st volume of the proceedings related to the 1st International Conference in Maritime Education and Development (ICMED 2020), published by Springer.

The 1st International Conference on Maritime Education Development (ICMED 2020) was held virtually from 23 to 24 November 2020, organized jointly by Maritime Studies Department, Faculty of Applied Sciences (FAS) and Communication, Navigation and Surveillance (CNS) Centre of Durban University of Technology; and, Moses Kotane Institute. Co-organizers were Ethekwini Municipality and Ethekwini Maritime Cluster (EMC). The organizers and co-organizers are located in Durban in South Africa.

The Conference Proceedings are addressed to both scientists and professionals with focus on sharing their expert knowledge, experiences and research results concerning virtual smartness in maritime, related legal issues, maritime educational and training challenges, STCW requirements, voices of seafarers, maritime business and sustainability, safety and security, including the digital realm concerns and recent pandemic threats, and so on. In addition, gathering of researchers, scientists, academics, professionals, entrepreneurs, and other people involved in maritime education, business, industry and administration should bring research and education closer to the actual needs of maritime labor market.

The content of the ICMED 2020 Conference Proceedings is partitioned into eight parts entitled: *Virtual smartness* (covering nine chapters), *Legal concerns* (covering two chapters), *Educational and training challenges* (covering eleven chapters), *STCW concerns* (covering two chapters), *Voice of seafarers* (covering one comprehensive chapter), *Business vs sustainability* (covering three chapters), *Safety and security issues* (covering seven chapters) and *Miscellaneous* (covering five chapters). The papers are heterogeneous, but each contributes in its own way towards enriching the knowledge in maritime and beyond.

The authors and co-authors came from thirteen different countries in Africa, Asia, Europe and South America, i.e., from: Bosnia and Herzegovina, Brazil, Croatia, Estonia, Germany, Montenegro, Russia, Slovenia, South Africa, Spain, Sweden, Ukraine and United Kingdom.

We would like to express our gratitude to all distinguished authors and co-authors for their great contribution for success of the Conference and its Proceedings publication.

Durban, South Africa

Sanja Bauk  
Stojče Dimov Ilčev



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# Contributors

**John Abercrombie** Maritime Studies Department, Faculty of Applied Sciences, Durban University of Technology, Durban, South Africa

**Igor Afonin** Sevastopol State University, Sevastopol, Russia

**Anatoli Alop** Centre of Maritime Studies, Estonian Maritime Academy of Tallinn University of Technology, Tallinn, Estonia

**Zoran Ž. Avramović** Pan-European University APEIRON, Banja Luka, Bosnia and Herzegovina

**Gordan Bajić** Pan-European University APEIRON, Banja Luka, Bosnia and Herzegovina

**Michael Baldauf** Department of Maritime Studies Warnemuende/Institute ISSIMS, Hochschule Wismar, University of Applied Sciences – Technology, Business and Design, Wismar, Germany

Department of Maritime Studies, Hochschule Wismar, University of Applied Sciences, Rostock, Germany

**Mate Barić** Maritime Department, University of Zadar, Zadar, Croatia

**Sanja Bauk** Maritime Studies, Durban University of Technology, Durban, South Africa

Administration for Maritime Safety and Port Management of Montenegro, Podgorica, Montenegro

Maritime Studies, Faculty of Applied Sciences, Durban University of Technology, Durban, South Africa

**Anja Belojević** Ministry of Transport and Maritime Affairs, Podgorica, Montenegro

**Knud Benedict** Department of Maritime Studies Warnemuende/Institute ISSIMS, Hochschule Wismar, University of Applied Sciences – Technology, Business and Design, Wismar, Germany

Department of Maritime Studies Warnemuende/Institute ISSIMS, Hochschule Wismar, University of Applied Sciences – Technology, Business and Design, Wismar, Germany

**Bojan Beškovnik** Faculty of Maritime Studies and Transport, University of Ljubljana, Portorož, Slovenia

**Jean-Philippe Boisgard** ECA Robotics SAS, Lannion, France

**Sandra Tominac Coslovich** Faculty of Maritime Studies, University of Rijeka, Rijeka, Croatia

**Quentin N. Cox** Teekay Shipping, Glasgow, UK

**Jonas Don-yelee Dakora** Department of Electrical Power Engineering, Durban University of Technology, Durban, South Africa

**Innocent Davidson** Springer-Verlag, Computer Science Editorial, Heidelberg, Germany

**Innocent E. Davidson** Department of Electrical Power Engineering, Durban University of Technology, Durban, South Africa

**F. X. Martínez de Osés** Department of Nautical Science and Engineering, Barcelona School of Nautical Studies, Technical University of Catalonia – BarcelonaTech, Barcelona, Catalonia, Spain

**Vladimir Domazet** Pan-European University Apeiron, Banja Luka, Bosnia and Herzegovina

**Dalibor Drljača** Pan-European University APEIRON, Banja Luka, Bosnia and Herzegovina

**Igor Dugonjić** Pan-European University APEIRON, Banja Luka, Bosnia and Herzegovina

**Maksim Durmanov** Sevastopol State University, Sevastopol, Russia

**Maxim Durmanov** Sevastopol State University, Sevastopol, Russia

**Edilene Gasparini Fernandes** Paula Souza Center – CEETESP, São Paulo State Technological College – FATEC, Sao Paulo, Brazil

**Yuriy Gimpilevich** Sevastopol State University, Sevastopol, Russia

**Michael Gluch** Department of Maritime Studies Warnemuende/Institute ISSIMS, Hochschule Wismar, University of Applied Sciences – Technology, Business and Design, Wismar, Germany

**Luka Grbić** Maritime Department, University of Zadar, Zadar, Croatia

**Igor Grujić** Nova Banka, Banja Luka, Bosnia and Herzegovina

**Ana Gundić** Maritime Department, University of Zadar, Zadar, Croatia  
Maritime Department, University of Zadar, Zadar, Republic of Croatia

**Ardian Haçkaj** Cooperation & Development Institute, Tirana, Albania

**Stojče Dimov Ilčev** Durban University of Technology (DUT), Durban, South Africa

**Vladimir Iskiv** Sevastopol State University, Sevastopol, Russia

**Dalibor Ivanišević** Maritime Department, University of Zadar, Zadar, Croatia

**Tomke Julia Janßen** Technische Universität Berlin, Berlin, Germany

**Elisenda Ventura Jariod** Barcelona School of Nautical Studies, Technical University of Catalonia – BarcelonaTech, Barcelona, Catalonia, Spain

**Nexhat Kapidani** Administration for Maritime Safety and Port Management of Montenegro, Podgorica, Montenegro

Administration for Maritime Safety and port Management, Bar, Montenegro

**Ernesa Kardović** Ministry of Transport and Maritime Affairs, Podgorica, Montenegro

**Matthias Kirchhoff** ISSIMS GmbH, Rostock, Germany

**Momoko Kitada** World Maritime University, Malmö, Sweden

**Slavojka Lazić** Pan-European University APEIRON, Banja Luka, Bosnia and Herzegovina

**Žarko Lukšić** Administration for Maritime Safety and Port Management of Montenegro, Podgorica, Montenegro

**Bheki Madonsela** Springer-Verlag, Computer Science Editorial, Heidelberg, Germany

**Ilcev Marijan** Durban University of Technology (DUT), Durban, South Africa

**Dražen Marinković** Pan-European University APEIRON, Banja Luka, Bosnia and Herzegovina

**Roger B. Mason** Durban University of Technology, Durban, South Africa

**Margaret B. Masuku** Durban University of Technology, Maritime Studies, Durban, South Africa

**Edesa Metaj** Ministry of Infrastructure and Energy, Tirana, Albania

**Yuri Mickhayluck** Sevastopol State University, Sevastopol, Russia

**Matlou Lesley Mokgobu** Durban University of Technology, Durban, South Africa



**Nhlanhla Rodgers Mtshali** Durban University of Technology, Durban, South Africa

**Chrispin Mulangu** Springer-Verlag, Computer Science Editorial, Heidelberg, Germany

**Gisela Müller-Plath** Technische Universität Berlin, Berlin, Germany

**Denis Nacharov** Sevastopol State University, Sevastopol, Russia

**Vladimir Nikishin** Sevastopol State University, Russia

**Oludayo Olugbara** Durban University of Technology (DUT), Durban, South Africa

**Đordije Otašević** Ministry of Transport and Maritime Affairs, Podgorica, Montenegro

**Boris Pauković** Pan-European University APEIRON, Banja Luka, Bosnia and Herzegovina

**Nomzamo C. Phewa** World Maritime University, Malmö, Sweden

**Marija Pijaca** Maritime Department, University of Zadar, Zadar, Republic of Croatia

**Elena Redkina** Sevastopol State University, Sevastopol, Russia

**Boris Ribarić** Pan-European University APEIRON, Banja Luka, Bosnia and Herzegovina

**Saša Ristić** Deloitte d.o.o. Banja Luka, Banja Luka, Bosnia and Herzegovina

**Michèle Schaub** Department of Maritime Studies Warnemuende/Institute ISSIMS, Hochschule Wismar, University of Applied Sciences – Technology, Business and Design, Wismar, Germany

Department of Maritime Studies Warnemuende/Institute ISSIMS, Hochschule Wismar, University of Applied Sciences – Technology, Business and Design, Wismar, Germany

**Andrey Schekaturin** Sevastopol State University, Sevastopol, Russia

**Vladlen Shapo** National University “Odessa Maritime Academy”, Odessa, Ukraine

**Gulshan Sharma** Department of Electrical Power Engineering, Durban University of Technology, Durban, South Africa

**Igor Shirokov** Sevastopol State University, Sevastopol, Russia

**Nedeljko Šikanjić** Pan-European University APEIRON, Banja Luka, Bosnia and Herzegovina

**Ivan Skorik** Sevastopol State University, Sevastopol, Russia

**Nedim I. Smailović** Pan-European University APEIRON, Banja Luka, Bosnia and Herzegovina

**Ivana Surian** University of KwaZulu-Natal, Durban, South Africa  
MACS Maritime Carrier Shipping (Pte) Ltd, Singapore, Singapore

**Tijana Talić** Pan-European University APEIRON, Banja Luka, Bosnia and Herzegovina

**Sinisa Tomić** Pan-European University APEIRON, Banja Luka, Bosnia and Herzegovina

**Mihajlo Travar** Regulatory Commission for Energy of Republic of Srpska, Trebinje, Bosnia and Herzegovina

**Gerrit Tuschling** Department of Maritime Studies Warnemuende/Institute ISSIMS, Hochschule Wismar, University of Applied Sciences – Technology, Business and Design, Wismar, Germany

**Elen Twrdy** Faculty of Maritime Studies and Transport, University of Ljubljana, Portorož, Slovenia

**Dragan Vasiljević** Pan-European University “Apeiron”, Banja Luka, Bosnia and Herzegovina

**Julijana Vasiljević** Pan-European University “Apeiron”, Banja Luka, Bosnia and Herzegovina

**Semen Yankovskiy** Sevastopol State University, Sevastopol, Russia

**Bheka Clive Zulu** Maritime Studies, Durban University of Technology, Durban, South Africa