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| Soggetti | Telecommunication Transportation engineering Traffic engineering Offshore structures Shipping Law of the sea International law Aeronautics - Law and legislation Communications Engineering, Networks Transportation Technology and Traffic Engineering Offshore Engineering Maritime Economics Law of the Sea, Air and Outer Space |
| Lingua di pubblicazione | Inglese |
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| Livello bibliografico | Monografia |
| Nota di bibliografia | Includes bibliographical references and index. |
| Nota di contenuto | Introduction -- The 4 Industrial Revolution (4IR) -- Unmanned air/sea surface/underwater vehicles (UxV) -- Digital divide and Internet accessibility -- Digital infrastructure -- Adopting new technologies: Concerning real needs and preferences -- Digitalization of Maritime Cluster -- Maritime education and training in digital age -- Curriculum should meet the challenges of the 21st century -- Sea Traffic Management (STM) -- IMO E-navigation strategy -- Smart-ship concept (nautical and engineering) -- Energy management on board (nautical and engineering) -- Automation and digitalization (nautical |

and engineering) -- Safety and security (nautical and engineering) -- Environmental awareness and protection (nautical and engineering) -- Cyber security (nautical and engineering) -- New business models in the context of Internet of Things (IoT)/Internet of Everything (IoE) -- Digitalization and labour market -- Marine environment issues -- Human or “post-human” seafaring -- What seafarers have to say -- Could “non-users” survive in maritime domain -- Women in maritime -- Maritime future -- Conclusion.

Sommario/riassunto

This book presents the proceedings of the 1st International Conference on Maritime Education and Development. The conference exchanges knowledge, experiences and ideas in the domain of maritime education and development, with the ultimate goal of generating new knowledge and implementing smart strategies and actions. Topics include the 4th Industrial Revolution (4IR); unmanned air/sea surface/underwater vehicles (UxV); the digital divide and Internet accessibility; digital infrastructure; IMO E-navigation strategy; smart-ship concept; automation and digitalization; cyber security; and maritime future. This proceedings pertains to researchers, academics, students, and professionals in the realm of maritime education and development. Presents the proceedings of the 1st International Conference on Maritime Education and Development, Durban University of Technology, Durban, South Africa, November 23-24, 2020; Provides a comprehensive view of maritime education and development in the 4th Industrial Revolution (4IR); Pertinent to researchers, academics, professionals and students across maritime education and development.
