

## Preface

It is with great pleasure that we present the proceedings of the 2024 International Conference on Naval Architecture and Ocean Engineering (ICNAOE 2024). This conference, held in Beijing, China, brought together experts, researchers, and practitioners from around the globe to exchange ideas, share innovations, and discuss challenges in the fields of naval architecture, ocean engineering, and beyond.

Naval architecture and ocean engineering play an essential role in addressing the complex challenges of modern maritime industries and the sustainable development of our oceans. However, as the global demand for clean and renewable energy continues to grow, the integration of new energy systems into maritime and oceanic applications has become a crucial area of focus. To reflect this evolving interdisciplinary collaboration, the ICNAOE 2024 proceedings encompass a diverse range of topics, including naval architecture, ocean engineering technologies, and advancements in renewable energy systems and sustainable solutions.

The proceedings include contributions that the development of advanced marine structures, offshore renewable energy platforms, wave and tidal energy systems, and environmentally friendly vessel designs. In addition, several papers address the application of renewable energy technologies, energy storage solutions, and their implications for sustainable ocean engineering practices. These papers highlight the intersection of traditional maritime expertise with emerging energy technologies, showcasing the transformative potential of interdisciplinary collaboration.

We extend our deepest gratitude to all the authors, reviewers, and organizing committee members who contributed to the success of this conference. Your hard work and dedication have made this event and its proceedings an invaluable resource for advancing knowledge and innovation.

We hope that the research presented in this collection will inspire further collaboration and progress in naval architecture, ocean engineering, and renewable energy development, fostering a sustainable future for the maritime and energy industries.