About the Contributors

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Michael Bergmann has a Software engineering background and works at Jeppesen as Director Maritime Industry, Affairs, and Services, working with governments, governmental organizations, and industry to change the market in support of advanced navigation and efficiency. He holds an observer status at the IHO. In this role, he chaired a “Data Supply Chain Certification Correspondence” Group. He is also an observer at IMO, a member of the IMO e-Navigation sub-committee and correspondence group. He also actively participates in IALA as an Industry Member. In 2010, Mr. Bergmann was appointed to the Board of Directors at CIRM and in 2013 elected as President. He is a member of the “Editorial Advisory Board” at “Hydro International,” a member of the “Society of Naval Architects and Maritime Engineers” (SNAME), elected into “Associated Fellowship of the Royal Institute of Navigation” in London, UK, and as an “Associated Fellow of the Nautical Institute.” Mr. Bergmann holds a degree as master of business administration from University of Liverpool, UK. As well as a master degree of educational theory, theology, psychology, sociology, and others from Cath. University of Applied Science in Mainz, Germany. He is the author of various publications in international maritime press and maritime specialized books.

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**Stan Liviu-Constantin** is a lecturer at Constanta Maritime University in Romania. He is Director of the Engineering Sciences and Head of the IMO Department. In 2000, he became a Diplomat Engineer in Elecromechanical naval. In 2004, he received his MA in Maritime Engineering Advanced Concept, and in 2005, he became a PhD candidate in Mechanical Engineering. In 2006, he received his MA in Maritime Legislation, and in 2009, he received his PhD in Mechanical Engineering. He has published 9 books, over 80 scientific essays, and taken part in 12 research contracts. He is fluent in English, French, and Italian.

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Balaji Rajoo is a Senior lecturer at ALAM (Malaysian Maritime Academy). He has gained much experience working at sea in London, India, and Singapore on all different types of ships. He has had experience in dry-docking as well as main engines, boilers, medium spend generators, and deck equipment. In general, the sea service had been largely on Petroleum and Chemical tankers (of average age of >15 yrs). The experience can be termed comprehensive and first hand in almost all aspects of common maintenance and repairs of all major machineries on board ships. He has taught at AMET – Chennai and HIMT in Chennai.

Ang Yit Sian is a PhD student at the Department of Marine Technology, Universiti Teknologi Malaysia, Malaysia. His PhD project is mainly focused on the hydrodynamic forces and moments on a maneuvering ship in restricted water. Some of his research interests are in the CFD simulations and navigational risk assessment.

I. Ketut Aria Pria Utama completed his BEng at the Department of Naval Architecture and Shipbuilding Engineering, Sepuluh-Nopember Institute of Technology (ITS), Indonesia, in 1991. He started his career in academia as young lecturer at this Department. He continued his MSc at the Department of Ship Science, University of Southampton, UK, funded by the British Council and finished in 1996. He remained at the Department of Ship Science to complete his PhD between 1996 and 1999, funded by the Indonesian Government. He returned to ITS in 1999 and appointed as Deputy Head of Department until 2003. He was then elected as Head of Ship Hydrodynamics Research Group until 2011. He has obtained significant academic and professional achievements since 2004. Under supervision by Mr Trevor Blakeley, Chief Executive of the Royal Institution of Naval Architects (RINA); he and Prof Soegiono
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established RINA Indonesian Branch in 2005, and he was elected as Branch Secretary. He received his fellow (FRINA) and Chartered Engineer (CEng) status in 2006. He was elected as international council member of RINA between 2006 and 2012 as the first Indonesian in that prestigious appointment. Professor Utama received his position as associate professor in 2004 and his full professor with specialty in ship hydrodynamics in 2007. He was the best researcher and lecturer of ITS in 2006 and 2007, respectively. He was elected as Head of Department in 2011 and has developed extensive (research) collaborations with universities from UK, Japan, Canada, Taiwan, and Malaysia. He is member of board of two international conferences, namely MARTEC (Marine Technology Conference) and ICSOT (International Conference on Ship and Offshore Technology). Recently, he was elected as the first chairman of the Indonesian Naval Architecture Inter-Universities Consortium.