Instructor(s): Kari Laukia

Instructor(s) Bio:

Kari Laukia is currently Head of Ship Design & Engineering at Aker Arctic Technology and is in charge of the development and delivery of all technical design and consulting projects since 2011. He previously worked at KONE Marine where he was head of design and project management operations. During the 1980’s and 1990’s Kari developed his expert knowledge in ice technology especially in Arctic ship propulsion system whilst working for Wärtsilä Helsinki Shipyard (later Kvaerner Masa-Yards). He has been involved in the development and delivery of propulsion solutions for over 20 icebreaking ships, river IB Yevdokimov, subarctic IB Mudyug, nuclear polar IB Taymyr and several Baltic icebreakers. In the 1990’s Kari was also responsible for the overall development of azimuthing electric propulsion unit which is called the “Azipod”. Main references where Kari was leading the Azipod design are icebreaking tanker Uikku, icebreakers Röthelstein, Arcticaborg, Bottnica and Svalbard and several cruise liners built in Finland, Italy and Germany in 1990’s.