



Jakub Montewka

PSAM12 Speaker Bio

Quantifying the effect of noise, vibration and motion on human performance in ship collision and grounding risk assessment

Short Statement: I am the first author of the paper.

BIOGRAPHY

Jakub Montewka is a post-doc researcher in the field of maritime traffic risk and safety in Aalto University in Espoo Finland. His primary interests lie in the risk assessment of maritime transportation in the open water, however recently attempts have been made to quantify the risk of maritime traffic for the ice-covered waters in the Baltic Sea. The main modeling tool used for this purpose is Bayesian Belief Network and Monte-Carlo methods applied on engineering models. During his life as a researcher, Jakub has written over 70 scientific publications.



Jakub obtained his Ph.D. in technical sciences from Maritime University of Szczecin in Poland in 2008, where he has been working from 2001 until 2008. Along with his scientific development also operational knowledge and skills should be recognized, which were gained during 3-year period of work on board sea going vessels. He started as a deck cadet in 2001 and reached a position of chief mate in 2008. Since 2009 he has been employed at Aalto University.

Jakub has been involved in numerous research projects focusing on the risk and safety of maritime transportation, and recently in a project on risk-based ship design (FP7, FAROS). He also teaches the students giving a course on the risk and safety of maritime traffic.

He is involved in international and national associations related to risk and safety. He is a member of European Safety and Reliability Association (ESRA), Polish Safety and Reliability Association (PTBiS), Polish Operational and Systems Research Society (POSRS). He is also an Associated Fellow with the Royal Institute of Navigation in London, UK.

His hobby is quality time with Family, hiking, camping, skiing, cycling, photography, an inspiring book and good music.