

1st Workshop on Digitalization and Blockchain – *Managerial and Organizational Implications*

Digital technologies are posing both challenges and opportunities. This workshop addresses the organizational and managerial implications of big data and blockchain in the maritime domain, and how it affects its current and future operations. The first part of the workshop holds presentations from industry and academia representatives, while the latter part holds group work addressing particular issues raised in the presentations. Both parts are open for all workshop attendees. The workshop is funded by MARKOM2020 and is free of charge. Welcome to an exciting day!

Date: September 12th, 2019

Place: University of South-Eastern Norway, Campus Vestfold,

Room: Auditorium Larvik A1-30

PROGRAMME

0830-0900: **Fresh bakery, coffee/tea and registration**

0900-0905: Welcome by/ Head of MASDLI research group
Professor Anne H. Gausdal, USN – University of South-Eastern Norway

0905-0945: Data Driven Industrial Digitization through Reverse Engineering of Systems
Associate professor Lokukaluge Prasad Perera, UiT - The Arctic University of Norway

0945-1000: **Break**

1000-1020: What are the main drivers and barriers of digital innovation within the maritime industry?
Professor Anne H. Gausdal, USN – University of South-Eastern Norway

1020-1045: What areas of the maritime industry may benefit from implementing Blockchain technology?
Industrial PhD candidate Karen Czachorowski, Aker BP

1045-1100: **Break**

1100-1145: The ExChain project – experiences from Aker BP
Industrial PhD candidate Karen Czachorowski, Aker BP

- 1145-1215: **Lunch**
- 1215-1300: Digitalization of a shipping company, experiences from Klaveness
Chief Digital Officer Aleksander Stensby, Klaveness
- 1300-1330: Panel discussion and questions from the participants
- 1330-1345: **Refreshments & group organizing**
- 1345-1445: Workshop – group work on: Managerial and organizational implications of Digitalization and Blockchain application in the maritime industry
- 1445-1500: Prepare for presentation and move back to plenary
- 1500-1530: Input from the group work, plenary discussion and closing of the workshop
- 15:30: **End of Workshop**

Click [here](#) for registration

SPEAKERS



Anne Haugen Gausdal is Professor in Organization, management and innovation at the University of South-Eastern Norway, Faculty of Technology, Natural Sciences and Maritime Sciences, Department of Maritime Operations. She is also a part-time professor at UiT, The Arctic University of Norway. Professor Gausdal obtained her Ph.D. in business economics from Bodø Business School, Nord University, Norway in 2008. She has authored more than 60 peer-reviewed journal articles, book chapters and conference papers, and is a reviewer for several international journals. Her main areas of research interest are: Inter-organizational trust-building, methods for innovation, network management, maritime safety, preparedness and digitalization. Finally, she is head of the [MASDLI \(MARitime Safety, Digitalization, Leadership and Innovation\)](#) research group.



Aleksander Stensby Managing Director, Klaveness Digital. Appointed Chief Digital Officer in January 2016 after leading the Klaveness Innovation Lab since March 2015. CEO at Monokkel AS prior to joining Klaveness. Co-founded and worked 10 years at Integrasco AS, a Norwegian tech startup. Holds a Master of Computer Science from University of Agder and Carleton University, specialising in Machine Learning and Pattern Recognition



Karen V. Czachorowski is an Industrial PhD candidate in Nautical Operations at Aker BP and the University of South-Eastern Norway (USN), Faculty of Technology, Natural Sciences and Maritime Sciences, Department of Maritime Operations. She holds a MSc. in Maritime Management from USN where she began her research work surrounding Digitalization and Blockchain application in the Maritime Industry with focus on Oil & Gas. In Aker BP, she contributes as a Supply Chain & Logistics Digitalization and Blockchain specialist/SME in the exChain project. Additionally, she has Supply Chain expertise developed through over 7 years of work with inventory management, production, logistics and purchasing in international environments and expertise with several operational and management techniques and systems. Her main areas of interest and research are maritime and offshore digitalization, technology and systems, innovation and supply chain & logistics.



L. P. Perera received BSc (1999) in Mechanical Engineering and MSc (2001) in Systems & Controls from Oklahoma State University, USA and PhD (2012) in Naval Architecture and Marine Engineering from Technical University of Lisbon, Portugal. Currently, he is an Associate Professor at UiT The Arctic University of Norway, Norway. His research experience includes SINTEF Ocean – Norway (2014-2017), Centre for Marine Technology and Engineering - Portugal (2008-2012) and Advanced Technology Research Center – USA (1998-2001). His academic experience includes Naval & Maritime Academy - Sri Lanka (2005-2008) and Ocean University of Sri Lanka - Sri Lanka (2003-2005). Furthermore, Dr. Perera was a visiting lecture (2001-2005) for several academic institutes in Sri Lanka: University of Ruhuna, University of Moratuwa, Open University of Sri Lanka, Colombo International Nautical & Engineering College. His industrial experience includes Wartsila Finland - Finland (2012-2014). Dr. Perera has published more than 70 peer-reviewed papers in reputed international journals and conferences.