

Dates and topics autumn 2022

Week	Date	Topic	Speaker	Chair of introduction
38	23/9	Fatigue Life of Dynamic Power Cables Hanging from Floating Offshore Structures	Prof. Svein Sævik	Prof. Zhen Gao
39	30/9	Data-driven methods for decision support in smart ship operations	Dr. Peihua Han	Prof. Houxiang Zhang
40	7/10	Bridging knowledge and data towards safe marine operations	Motoyasu Kanazawa	Prof. Houxiang Zhang
41	14/10	(Høstferie)	-	-
42	21/10	Student-centered teaching practices: examples and experience from online teaching of 1 000 bachelor students at NTNU	Assoc. Prof. Johan B. Pettersen	Prof. Francesca Verones
43	28/10	The Hydrodynamic Framework REEF3D and Particle Resolving Sediment Transport Modeling	Prof. Hans Bihs	Prof. Francesca Verones
44	4/11	How extreme is extreme? Flash flood in Norway... what can we expect?	Prof. Oddbjørn Bruland	Prof. Sveinung Løset
45	11/11	How machine learning can help to estimate the extinction threat of little-known species	Dr. Jan Borgelt	Prof. Francesca Verones
46	18/11	Small flows with Big Consequences: Wave, Turbulence and Shear-driven mixing in the upper ocean	Prof. Simen Ellingsen	Prof. Francesca Verones
47	25/11	Deep Sea Mining – a Utopia or a future reality?	Prof. Steinar Løve Ellefmo	Førsteamanuensis Kurt Aasly
48	2/12	Why pack particles tightly together in fresh concrete?	Professor Stefan Jacobsen	Professor Bjørn Helge Skallerud
49	9/12	Turbulence is all around us	Prof. R. Jason Hearst	Prof. Francesca Verones
50	16/12	Mitigation of Climate Change – Key findings from WGIII of the Intergovernmental Panel on Climate Change (IPCC)	Prof. Anders Hammer Strømman	Prof. Francesca Verones