

Dates and topics spring 2023

Week	Date	Topic	Speaker	Chair of introduction
3	20.1.	Science for a safer society	Vegard Aune, Associate Professor	Prof. Sveinung Løset
4	27.1	Patient specific finite element analysis of Upper airway collapse: towards a diagnostic tool for OSA surgery	Venkat Siva Radha Krishna Ayyalasomayajula, Postdoctoral Fellow	Prof. Bjørn Skallerud
5	3.2.	Sustainable Hydropower	Tor Haakon Bakken, professor	Prof. Francesca Verones
6	10.2.	Performance of a vertical axis wind turbine on model buildings	Tania Bracchi, Associate Professor	Prof. Francesca Verones
7	17.2.	The role of High Temperature Heat Pumps towards 2030	Shuai Ren, Postdoc fellow	Prof. Francesca Verones
8	-	(Vinterferie)	-	-
9	3.3.	Plastic isn't the problem! It's what we do with it once we're through with it	Karl Klingsheim, Professor II	Prof. Francesca Verones
10	10.3.	Introduction to ocean-based negative emission technologies	Helene Muri, Senior Researcher	Prof. Francesca Verones
11	17.3.	Marine nuclear propulsion	Jan Emblemsvåg, Professor	Prof. Sveinung Løset
12	24.3.	Robots that scale - an alternative approach for marine habitat mapping	Oscar Pizarro, Senior Researcher	Prof. Roger Skjetne
13	31.3.	CIRMAN - research and education on Circular Manufacturing	Carla Susana Assuad, Associate Professor	Prof. Michael Cheffena
14	-	(Easter)	-	-
15	14.4.	Extreme loading on extreme concrete	Øystein Eirik Kvist Jacobsen, PhD Candidate	Martin Kristoffersen
16	21.4.	Decarbonising shipping - Ammonia fuelling Marine Engines	David Emberson, Associate Professor	Prof. Roger Skjetne

17	28.4.	Material Challenges and Structural Integrity for Green Hydrogen	Zhiliang Zhang, Professor	Prof. Bjørn Helge Skallerud
18	5.5.	Cooperative modelling of ship dynamics: Perspectives from knowledge and data	Motoyasu Kanazawa, PhD Candidate	Prof. Sveinung Løset
19	12.5.	Experience and practice with Nature Masterclasses Online in research work	Nariê Rinke Dias de Souza, Postdoctoral Fellow	Prof. Francesca Veronesi
20	-	(Inneklemmt fredag/cramped Friday)		
21	26.5.	Industrial furnace technology - the potential for defossilization of industry	Christian Schwotzer, Group Manager - RWTH Aachen University	Prof. Daniel Beat Müller
22	2.6.	Agility in industrial systems; qualitative and quantitative aspects for offshore wind turbine manufacturing system	Mehrnoosh Nickpasand, Industrial PhD	Prof. Vilmar Æsøy
23	9.6.	The case of wild reindeer and hydropower	Martin Dorber, researcher	Prof. Francesca Veronesi
24	16.6.	How does the atmosphere affect floating wind turbines?	Irene Rivera Arreba, PhD Candidate	Prof. Erin Bachynski-Polić