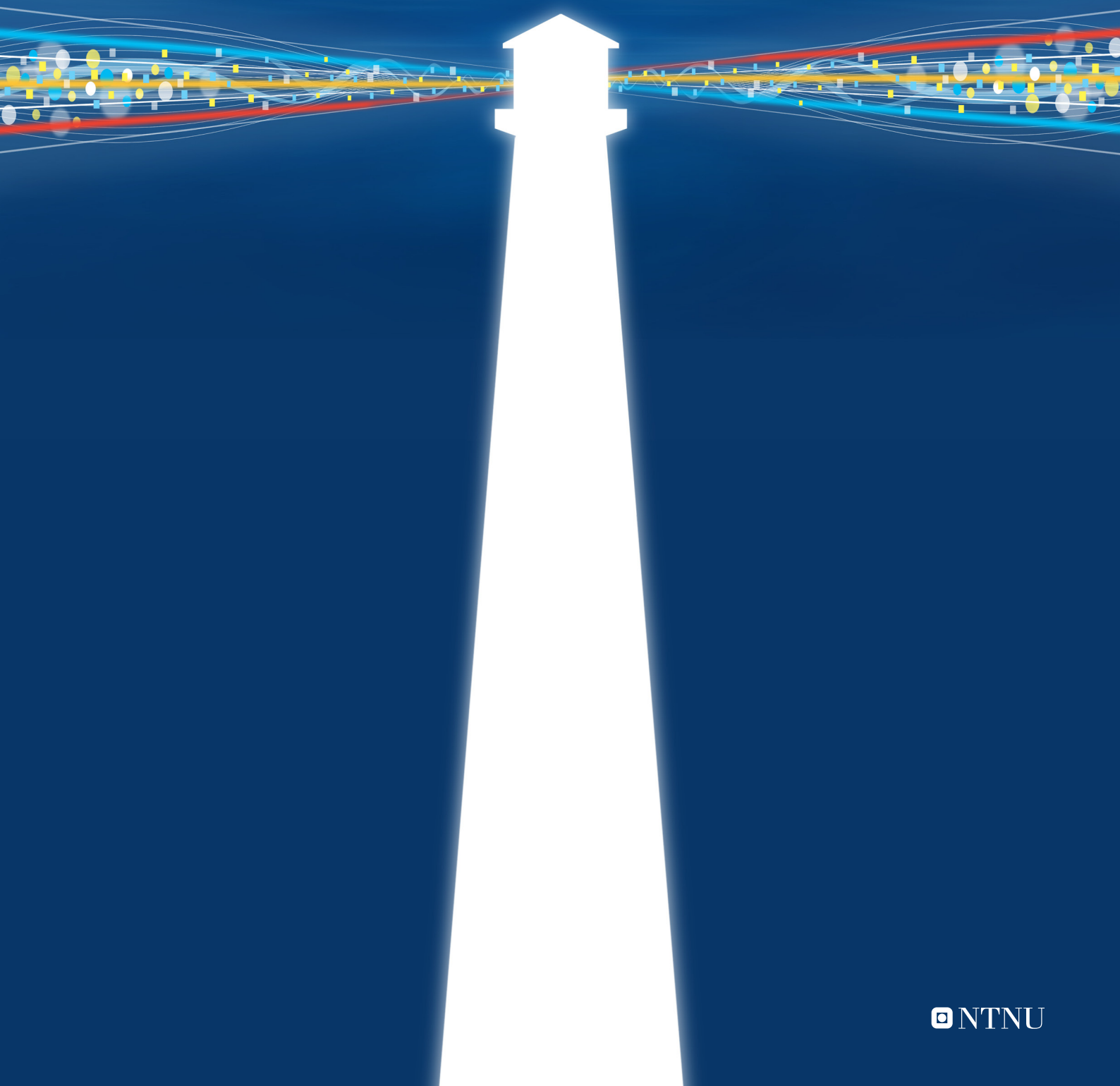


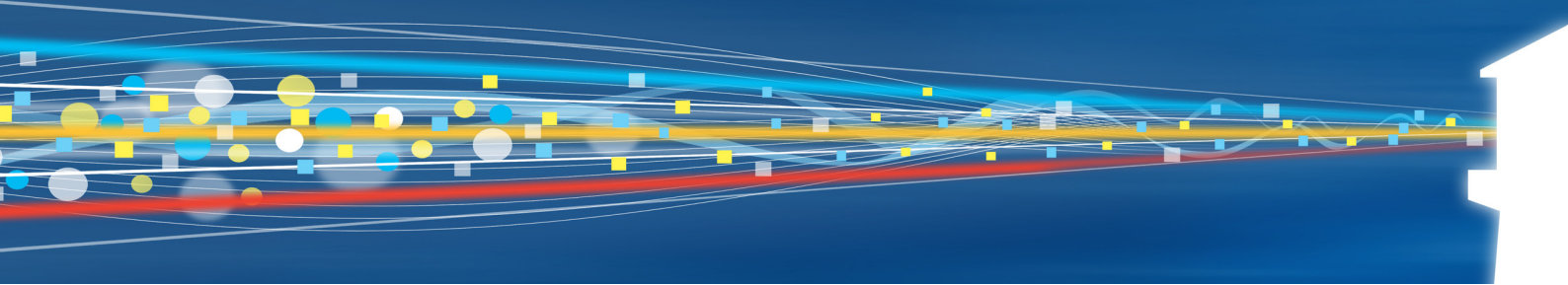
70 Years Anniversary Seminar and Celebration

for Professors Odd M. Faltinsen and Torgeir Moan

PROGRAM

May 19-20, 2014





Professor Odd M. Faltinsen

Professor Torgeir Moan

70 Years Anniversary Seminar and Celebration for Professors Odd M. Faltinsen and Torgeir Moan

The 70 years anniversary seminar and celebration will be a tribute to Moan's and Faltinsen's contribution to the field of marine technology and in particular to the disciplines marine hydrodynamics and marine structures. Both professors have a remarkable career with world class scientific merits. They have educated more than 100 PhDs and many hundreds of MSc, published more than 900 scientific papers and many text books, and given numerous key notes and plenary lectures. Through more than 40 years of activity and relevance in their research and education, the industrial impact on maritime, oil and gas, fisheries and aquaculture and offshore renewable energy is tremendous. The families and all graduated PhDs by Faltinsen and Moan are invited. In addition, colleagues, partners and friends from universities, industry and governmental agencies are invited. Besides a pleasant social gathering with a celebration banquet Monday afternoon, NTNU will use this opportunity to address scientific highlights and future prospects delivered by these two marine technology lighthouses.

Address: Marine Technology Centre, Otto Nielsens vei 10, Tyholt, Trondheim

Chair: Harald Ellingsen, Head, Department of Marine Technology, NTNU

Co-chair: Asgeir J. Sørensen, Director, AMOS, NTNU

Monday 19 May

Chair: Harald Ellingsen, Head, Department of Marine Technology, NTNU

- 0900 Registration and coffee
- 1000 Welcome Note, Torbjørn Digernes, Former Rector, NTNU
Welcome Note, Ingvald Strømmen, Dean, Faculty of Engineering Science and Technology, NTNU
- 1030 Key Note: Past and future, Odd M. Faltinsen, NTNU
- 1100 Key Note: Looking ahead – in the rearview mirror, Torgeir Moan, NTNU
- 1130 Lunch at the cafeteria of the Marine Technology Centre, Tyholt
- 1230 Invited speakers from Moan's PhDs (5 x 15 minutes)
- A career on the boundary between sea and air, Sverre Haver, Statoil/NTNU
 - A robust education, Jonas Odland, Acona/University of Stavanger
 - From ships to offshore platforms and renewable energy, Carlos Guedes Soares, Centre for Marine Technology and Engineering (CENTEC), Instituto Superior Técnico, Universidade de Lisboa
 - Ekofisk, South Stream & Ichthys; plus a few words on professional societies, Mark Marley, DNV GL, Perth
 - Arnt's story, Arnt Olufsen, Statoil
- 1345 Coffee and tea break
- 1415 Invited speakers from Faltinsen's PhDs (5 x 15 minutes)
- Challenges in the professional career, Svein Skjærdal, AMT
 - Industry value creation through cooperation with academia, Vidar Aanesland, NOV
 - High speed craft technology - from theory to 58+ knots in service, Nere G. Skomedal, Vice President, Engineering, Umoe Mandal
 - A long journey in offshore and marine technology, Arne E. Løken, DNV GL
 - Applied marine hydrodynamics – examples from my career, Geir Løland, Statoil
- 1530 Coffee break and tea break
- 1550 Key Note: Ship and ocean structures: future trends – the role of universities, Preben Terndrup Pedersen, NTNU (Dr Honoris Causa)/DTU (Emeritus Professor)
- 1620 Key Note: Marine hydrodynamics - a memoir, J. Nicholas Newman, NTNU (Dr Honoris Causa)/MIT (Emeritus Professor)/WAMIT Inc.
- 1650 Wrap up day 1
- 1900 - Dinner at Rica Nidelven Hotel
- 2230 Address: Havnegata 1-3, 7010 Trondheim

Tuesday 20 May

Chair: Asgeir J. Sørensen, Director, AMOS, NTNU

- 0900 Invited speakers (4 x 20 minutes)
- A broader view - the future of shipping, Henrik O. Madsen, CEO, DNV GL
 - Ocean space knowledge, Unni Steinsmo, CEO, SINTEF Group
 - Progress in the direct application of hydrodynamic interaction computations to real-time ship simulators, J. A. Pinkster, Delft U. of Technology (Emeritus Professor)/Consultant, PMH BV
 - Risk analysis of marine operations involving dynamic positioning, Haibo Chen, Managing Director Asia, Lloyd's Register Consulting
- 1020 Coffee and tea break
- 1040 Invited speakers (4 x 20 minutes)
- Creating tomorrow's solutions, Tore Ulstein, Chairman & Deputy CEO, Ulstein Group
 - From offshore oil and gas structures to marine renewable energy, Finn Gunnar Nielsen, Statoil/University of Bergen
 - Class of future, going beyond, Christina Wang, Director, American Bureau of Shipping (ABS)
 - Early years of the Marine Technology Centre, Dag Kavlie, Former Rector, NTH
- 1200 Lunch at the cafeteria of the Marine Technology Centre, Tyholt
- 1300 Invited speakers from Moan's PhDs (4 x 15 minutes)
- Steel or composite? Yes please, both, Jon Taby, General Manager, FiReCo AS
 - Avoiding major accidents in the offshore industry, Stein Haugen, NTNU
 - My journey in RD&D: four continents, three disciplines, multiple roles, one company, Øyvind Hellan, MARINTEK
 - Managing knowledge workers in engineering organizations - the importance of specialist engineers to meet the challenges at NCS, Bård Wathne Tveiten, Aker Solutions
- 1400 Coffee and tea break
- 1420 Invited speakers from Faltinsen's PhDs (4 x 15 minutes)
- From slamming to business development, Jan Kvålsvold, DNV GL
 - Spar platforms in various deepwater applications, Herbjørn Alf Haslum, Statoil
 - Waves, waves and more waves, Marit Ronæss, Petroleum Geo-Services
 - From oil exploration to fish farming – synergies in research and collaboration across the blue sectors, Arne Fredheim, SINTEF Fisheries and Aquaculture
- 1520 New Initiatives at NTNU and MARINTEK
- New initiatives at the Department of Marine Technology, Harald Ellingsen, Head, Department of Marine Technology, NTNU
 - Towards autonomy in marine operations, Asgeir J. Sørensen, Director, AMOS, NTNU
 - Meeting the future – Ocean Space Centre, Oddvar Eide, President, MARINTEK
- 1550 Wrap up and conclusions
- 1600 End of seminar



Practical information

Transport:

May 19th

In the morning: Our busses go from Rica Nidelven Hotel to the Marine Technology Centre at 08:30 hours.

In the afternoon: Our busses go from the Marine Technology Centre to Rica Nidelven Hotel at 17:10 hours.

May 20th

In the morning: Our busses go from Rica Nidelven Hotel to the Marine Technology Centre at 08:30 hours.

In the afternoon: Our busses go from the Marine Technology Centre to the airport Værnes at 16:15 hours.

Other transport in Trondheim:

The "Flybuss" commutes frequently to and from the airport Værnes from many bus stops in town.

Taxis, including "Flytaxi" to and from the airport Værnes can be ordered at tel.nr. 07373.

Sponsors:



Norwegian University of Science and Technology
Department of Marine Technology: www.ntnu.no/imt



Centre for Ships and Ocean Structures: www.cesos.ntnu.no



Centre for Autonomous Marine Operations and Systems: www.ntnu.edu/amos



MARINTEK: www.sintef.no/MARINTEK