NTNU AMOS Days

27-28 October 2016 at Quality Hotel Augustin, Trondheim

Thursday 27 October

11:00-12:00   *Lunch*

12:00-12:20   Welcome by Director Asgeir J. Sørensen
12:20-12:40   Wilson Ivan Guachamin Acero Assessment of the operational limits for offshore wind turbine installation activities
12:40-13:00   Zhaolong Yu 6DOF coupled dynamic simulation of ship collisions using LS-DYNA and USFOS
13:00-13:20   Børge Rokseth Verification of dynamic positioning systems

13:20-14:00   *Coffee Break*

14:00-14:20   Eleni Kelasidi Design, implementation, modeling and control of flexible and highly maneuverable underwater swimming robots
14:20-14:40   Mauro Candeloro Tools and methods for autonomous operations on seabed and water column using underwater vehicles
14:40-15:00   Petter Norgren A particle filter SLAM approach to online iceberg drift estimation from an AUV
15:00-15:20   Kim Lynge Sørensen Icing protection solution for unmanned aircraft

15:20-16:00   *Coffee Break*

16:00-18:30   Plenum presentations and discussion with NTNU AMOS partners:
Marintek, Statoil, DNV GL, Sintef F&A

19:00   *Dinner*

Friday 28 October

08:30-09:00   *Coffee Break*

09:00-09:40   Astrid H. Brodtkorb and Svenn Are T. Værnø Fullscale testing of DP control algorithms on RV Gunnerus fall 2016
09:40-10:00   Michel R. Miyazaki Hybrid power plants

10:00-10:30   *Coffee Break*

10:30-10:50   Yugao Shen Simulations of well boats at fish farms in waves and current
10:50-11:10   Ida Strand Sloshing in closed flexible fish cages
11:10-11:30   Ingunn Nilssen Integrated environmental mapping and monitoring: a methodological approach for end-users
11:30-11:50   Hans-Martin Heyn Ice surveillance at the Arctic Ocean 2016 expedition to the North Pole

11:50-13:00   *Lunch*