

Monday, 10 June			
08:00 - 13:00	Registration		Ground floor (BG)
08:45 - 09:15	Opening ceremony		Senaatszaal
09:15 - 10:00	The importance of sustainability in the Arctic region <i>Keynote lecture by Carola van Rijnsoever, Liz ter Kuile & Robert Blaauw</i>		Senaatszaal <i>Chair: A. Metrikine</i>
10:00 - 10:20	Coffee break		Foyer
Parallel session 1			
Room Session Chairs	Senaatszaal	Van Hasseltzaal	Commissiekamer 3
	Ice-induced vibrations <i>H. Hendrikse M.M. Karulina</i>	Ice dynamics modelling and ice forecasts <i>C. Petrich C. Keijdener</i>	Ship hull design I/II <i>P. Kujala P. Cambos</i>
10:20 - 10:40	Coupled simulation of ice-structure interaction of offshore wind turbines in BHawC using VANILLA <i>T. Willems, H. Hendrikse</i>	Modelling the dynamics of ice in the Antarctic marginal ice zone <i>R. Marquart, K. MacHutchon, A. Bogaers, M. Vichi, S. Skatulla</i>	Analysis of the event-maximum method for the prediction of local pressures on a ship's hull in the Antarctic ice <i>F. Shamaei, P. Kujala, F. Li, M. Bergström, M. Kotilainen</i>
10:40 - 11:00	A method to find intervals with probability of harsh ice induced vibrations <i>M. Bjerås, E.D. Gedikli</i>	Early freeze-up scenario in the Caspian Sea <i>S. Vernyayev, Y. Kadranov, A. Sigitov</i>	Validation of the new risk based design approaches (POLARIS) for Arctic and Antarctic operations <i>P. Kujala, J. Kämäräinen, M. Suominen</i>
11:00 - 11:20	A study of the transition ice speed from intermittent crushing to frequency lock-in vibrations based on model-scale experiments <i>C.C. Owen, H. Hendrikse</i>	Analysis of pack ice deterioration due to wave action on the Grand Banks, spring 2017 <i>I. Kubat--T. Browne, C. J. Broderick, D. Watson, M. Sayed</i>	Validation of line-like nature of ice-induced loads using an inverse method <i>J.M. Adams, V. Valtonen, P. Kujala</i>
11:20 - 11:40	Consideration of ice drift in determining the contribution of ice-induced vibrations to structural fatigue <i>H. Hendrikse, J. Koot</i>	Marine operations in channels through shallow ice-covered waters <i>P. Bukharitsin, A. Sigitov, S. Vernyayev, Y. Kadranov, A. Bukharitsin</i>	The study of the Popov method for estimation of ice loads on ship's hull using full-scale data from the Antarctic sea <i>S. Idrissova, P. Kujala, R. Repin, F. Li</i>
11:40 - 12:00	Statistical analysis of ice-induced loads on the Norströmsgrund lighthouse <i>Y. Tu, T.S. Nord, K.V. Høyland, Ø.W. Petersen</i>	Observations and modelling of bergy bit drift <i>G. Crocker, H. Tran</i>	Impacts of nonlinear vs. linear finite element analysis on ice-strengthened primary structures <i>V.M. Valtonen</i>
12:00 - 12:30	Group photo shoot		In front of Aula
12:30 - 13:30	Lunch		Foyer
Parallel session 2			
Room Session Chairs	Senaatszaal	Van Hasseltzaal	Commissiekamer 3
	Ice action in ISO 19906 I/II <i>R. Frederking G.A.N. Thomas</i>	Ice ridges, icebergs and other extreme ice features I/III <i>S. Bruneau R.S. Taylor</i>	Ship hull design II/II <i>P. Kujala R. Bridges</i>
13:30 - 13:50	Design situations and limit state verification for Arctic offshore structures <i>G.A.N. Thomas, M.A. Maes</i>	Medium-scale consolidation of artificial ice ridge – Part I: surface temperature, thickness and mechanical properties <i>E. Salganik, K.V. Høyland, A. Shestov, S. Løset, A.N. Heijkoop</i>	Mathematical modeling of ice loads on ship hull in view of their stochastic nature: Concept definition & studies review <i>V.V. Yakimov, T.I. Letova</i>
13:50 - 14:10	Ice events and ice actions in ISO 19906 <i>D.G. Matskevitch, G.A.N. Thomas</i>	Medium-scale consolidation of artificial ice ridge – Part II: fracture properties investigation by a splitting test <i>W. Lu, A. Shestov, S. Løset, E. Salganik, K.V. Høyland</i>	Local ice load prediction formulas based on Arctic field measurements of the IBRV ARAON <i>S. Cho, K. Choi</i>
14:10 - 14:30	Dynamic ice actions in the revision of ISO 19906 <i>H. Hendrikse</i>	A study of drag force on an ice ridge keel in stratified fluids <i>Y. Zu, P. Lu, Z. Li, Y. Xiu, M. Yu, X. Cao</i>	Uncertainty quantification in the ice-induced local damage assessment of a hull section <i>E. Kim, Z. Yu, J. Amdahl, S. Løset</i>
14:30 - 14:50	ISO 19906 updates: Global local ice actions <i>F. Ralph</i>	Aral Sea ice conditions in the second part of the 20th century and their effect on the bottom topography <i>S.V. Maznev, S.A. Ogorodov, A.V. Baranskaya, V.V. Selyuzhenok</i>	Mathematical modeling of ice loads on ship hull in view of their stochastic nature: Method development & solution implementation <i>V.V. Yakimov, T.I. Letova</i>