POAC 2019 Program

Monday, 10 June			
14:50 - 15:10	Coffee break		Foyer
Parallel session 3			
Room	Senaatszaal	Van Hasseltzaal	
Session	Ice action in ISO 19906 II/II	Ice ridges, icebergs and other extreme ice features II/III	
Chairs	*TBA* *TBA*	*TBA* *TBA*	
15:10 - 15:30	ISO 19906:2019 - An international standard for Arctic offshore structures *K.J. Muggeridge, R.F. McKenna, G.A.N. Thomas*	Initial results of a study into the relationship between level ice draft and ridge keel draft *I. Samardžija, K.V. Høyland*	
15:30 - 15:50	Low-temperature strength of Arctic structures: finite-element analysis based on integral failure criteria *G.B. Kryzhevich*	Analysis of stamukhi distribution in the Caspian Sea *A. Sigitov, Y. Kadranov, S. Vernyayev*	
15:50 - 16:10	Low temperatures: terms and their application in ISO 19906 *K.J. Eik, G. Thomas*	Machine learning for tactical iceberg drift forecasting *R. Yulmetov, F. Ralph*	
16:10 - 16:30		Modelling iceberg grounding on the Grand Banks *R. McKenna, T. King, G. Crocker, S. Bruneau, P. German*	
16:30 - 16:50	Coffee break		Foyer
Parallel session 4			
Room	Senaatszaal	Van Hasseltzaal	
Session	Ice-structure interaction modelling I/II	Ice ridges, icebergs and other extreme ice features III/III	
Chairs	*TBA* *TBA*	*TBA* *TBA*	
16:50 - 17:10	Preliminary FEM-DEM study on ice encroachment *I. Lemström, A. Polojärvi, J. Tuhkuri*	Route selection for a marine pipeline linking the Jeanne d'Arc Basin and the Island of Newfoundland *S. Bruneau, T. King, R. McKenna, P. German*	
17:10 - 17:30	An effective fluid model for the bending failure of level ice *C. Keijdener, H. Hendrikse, A. Metrikine*	Estimating icebergs hazards in the Barents Sea using a numerical iceberg drift and deterioration model *E. Hansen, J. Borge, M. Arntsen, A. Olsson. M. Thomson*	
17:30 - 17:50	Numerical simulation of broken ice interaction with offshore structures: validation exercises *N. Serre, S. Kerkeni, C. Peyrega, M. Rabatel, D. Sapelnikov, Å. Ervik*	A 3D numerical model of ice island calving due to buoyancy-driven flexure *M. Sazidy, G. Crocker, D. Mueller*	
17:50 - 18:10	Glacial ice and offshore structure impacts under wave and current excitation *W. Lu, J. Amdahl*		
19:00 - 19:45	Canal Cruise		City of Delft Center