

POAC'13, Preliminary program (16.5.2013)

SUNDAY 9.6.2013			
17:00	REGISTRATION DESK OPENS		
18:00	ICE BREAKER PARTY AT DIPOLI CONGRESS CENTRE		
20:00			
MONDAY 10.6.2013			
7:45	REGISTRATION DESK OPENS		
8:10	OPENING CEREMONY		
8:30	KEYNOTE LECTURE: Christian Haas: <i>Arctic Sea Ice - Where are we headed?</i>		
9:15	COFFEE		
9:30	ICE MECHANICS 1	REMOTE SENSING 1	ICE BREAKING SHIPS 1
9:30	133 Kuiper, G.: <i>Correlation curves for brittle and ductile ice failure based on fullscale data</i>	008 Eltoft, T., Doulgeris, A.: <i>Polarimetric sar remote sensing of arctic sea ice</i>	037 Kim, H., Ryu, C., Lee, C., Park, K.: <i>Development of ice resistance estimation system using empirical formula</i>
9:50	017 Renshaw, C., Golding, N., Schulson, E.: <i>Maps for brittle and brittle like failure in ice</i>	029 Karvonen, J., Cheng, B., Vihma, T.: <i>Estimation of sea ice parameters based on x-band sar data and thermodynamic snow/ice modelling for the caspian sea</i>	034 Guo, F.: <i>A dynamic ice load model on ship hull</i>
10:10	097 Snyder, S., Golding, N., Fortt, A., Schulson, E., Renshaw, C.: <i>Effects of pre-strain on the elastic properties and the ductile-to-brittle transition of columnar ice</i>	031 Similä, M., Dinness, F., Hughes, N., Mäkynen, M.: <i>Ice edge detection with dual polarized sar data</i>	075 Jeong, S., Choi, K., Cho, S., Lee, C.: <i>The study on the resistance prediction method in level ice</i>
10:30	026 Spencer, P.: <i>Unifying local and global ice crushing pressures</i>	035 Zhang, Q., Skjetne, R., Su, B.: <i>Automatic image segmentation for boundary detection of apparently connected sea-ice floes</i>	135 Nyseth, H., Frederking, R.: <i>Evaluation of global ice load impacts based on real-time monitoring of ship motions</i>
10:50	028 Spencer, P.: <i>Axi-symmetric extrusion tests on crushed ice</i>	043 Jørgensen, U., Skjetne, R.: <i>Dynamic estimation of a drifting ice topography over a 2d area using mobile underwater measurements</i>	145 Choi, Y., Kim, S., Lee, J.: <i>An evaluation for ice load in continuous ice breaking on arctic ship using a numerical analysis</i>
11:10	159 Gagnon, R.: <i>High-speed imaging of ice-on-ice crushing</i>	052 Yang, C., Wakabayashi, H.: <i>Detection of sea ice in the east/japan and okhotsk seas using geostationary ocean color imager (goc) and sar</i>	158 Valkonen, J.: <i>Uncertainty of a methodology to estimate global ship loads during interaction events with ice features</i>
11:30	LUNCH		
12:15	GROUP PHOTO		
12:30	ICE MECHANICS 2	REMOTE SENSING 2 and OIL IN ICE	ICE BREAKING SHIPS 2
12:30	022 Li, G.: <i>A reliability-based approach to determine local ice design pressures</i>	082 Lednev, V.: <i>Remote sensing of ice and snow by compact raman lidar</i>	215 Riska, K., Coche, E.: <i>Station keeping in ice, challenges and possibilities</i>
12:50	132 Goldstein, R., Osipenko, N., Shushpannikov, P., Naumov, M., Onishchenko, D.: <i>Ice rubbles. modeling of the process</i>	093 Karjalainen, A., Peisa, K.: <i>Towards ice thickness measurement with ground penetrating radar in ice breakers</i>	144 Bridges, R., Tong, J., Zhang, S., Kavanagh, S., Pavic, M., Fitzsimmons, P.: <i>Ice load monitoring systems – shipright ship event analysis procedure for ice</i>
13:10	131 Wrangborg, D., Marchenko, A.: <i>Laser scanning in arctic sea ice research</i>	128 Pershin, S., Bunkin, A., Lednev, V., Marchenko, A., Yulmetov, R.: <i>Heat transfer screening by layer of glacier's relic water: raman lidar remote sensing of svalbard's fjords</i>	148 Suominen, M., Karhunen, J., Elo, M., Bekker, A., von Bock und Polach, R., Kujala, P., Saarinen, S.: <i>Full scale measurements onboard a research vessel in the baltic sea</i>
13:30	130 Wrangborg, D., Marchenko, A., Grady, R.: <i>Laser scanning for analyse of tidal deformations of land fast ice in shallow arctic regions</i>	214 Gerland, S., Spreen, G., Divine, D., Granskog, M., Hansen, E., Hudson, S., Renner, A., Eltoft, T., Doulgeris, A., Moen, M.: <i>Validation and improvement of sar satellite surveys over arctic sea ice</i>	149 Suominen, M., Su, B., Kujala, P., Moan, T.: <i>Comparison of measured and simulated short term ice loads on ship hull</i>
13:50	086 Bonath, V., Patil, A., Fransson, L., Sand, B.: <i>Laboratory testing of compressive and tensile strength on level ice and ridged ice from Svalbard region</i>	014 Petrich, C., Arnsts, M.: <i>Laboratory studies of oil encapsulation under growing sea ice</i>	143 Konno, A., Nakane, A.: <i>Validation of numerical estimation of brash ice channel resistance with model test</i>
14:10	096 Santaoja, K.: <i>On deformation mechanisms of sea ice and their mathematical modelling</i>	091 Maus, S., Leisinger, S., Matzl, M., Schneebeli, M., Wiegmann, A.: <i>Modelling oil entrapment in sea ice on the basis of 3D micro-tomographic images</i>	095 Su, B., Kjerstad, Ø., Skjetne, R., Berg, T.: <i>Ice-going capability assessment and DP-ice capability plot for a double acting intervention vessel in level ice</i>
14:30	COFFEE		
15:00	ICE MECHANICS 3	ICE MANAGEMENT AND RISKS 1	ICE BREAKING SHIPS 3
15:00	179 Dempsey, J., Fransson, L., Jochmann, P., Mu, Z., Palmer, A., Weiss, J.: <i>Cleavage fracture of warm brackish ice</i>	190 Richard, M., McKenna, R.: <i>Factors influencing managed sea ice loads</i>	183 Andryushin, A., Hänninen, S., Heidemann, T.: <i>"Azipod" azimuth thruster for large capacity arctic transport ship with high ice category arc7. ensuring of operability and operating strength under severe ice conditions"</i>
15:20	047 Schulson, E., Fortt, A.: <i>Static friction of ice</i>	199 Fenz, D., Hamilton, J., Kokkinis, T.: <i>Aligning the needs of floating drilling and the capabilities of ice management</i>	040 Dobredeev, A., Sazonov, K.: <i>Making a channel in ice for large-size ships using a curvilinear icebreaker path</i>
15:40	056 Lishman, B., Sammonds, P.: <i>Memory in sea ice friction</i>	210 Naseri, M.: <i>Offshore drilling activities in barents sea: challenges and considerations</i>	041 Sazonov, K., Appolonov, E., Dobredeev, A., Klementieva, N., Kudrin, M., Maslich, E., Petinov, V., Shaposhnikov, V.: <i>Investigations to develop technologies for making a wider channel in ice</i>
16:00	146 Bruneau, S., Colbourne, B., Dillinburg, A., Ritter, S., Dragt, R., Pilling, M., Sullivan, A.: <i>Laboratory indentation tests simulating ice-structure interactions using cone-shaped ice samples and steel plates</i>	217 Fournier, N., Nilsen, R.: <i>Iceberg management strategy for Baffin bay 2012 scientific coring campaign</i>	110 Kim, K., Kang, H., Kim, D., Ha, T.: <i>Numerical investigation on freezing in ballast water tank of vessels operating in cold climate conditions</i>
16:20	036 Dragt, R., Bruneau, S.: <i>The collision of cone-shaped ice samples against steel plates of varying surface roughness</i>	219 Eik, K., Kvingedal, B., Nygaard, E.: <i>Frequency of sea ice and icebergs at skrugard – barents sea</i>	083 Rimpiläinen, J., Nallikari, M., Alanne, K., Palonen, M., Vuolle, M.: <i>Study of an energy efficient deckhouse for icebreakers using simulation based multi-objective optimization</i>
16:40	220 Zvyagin, P., Sazonov, K.: <i>Statistically based method of representing ice loads signal as a sum of several uncorrelated and stationary processes</i>	172 Coche, E., Kalinin, A.: <i>Yamal LNG: Challenges of an LNG port in arctic region</i>	109 Lubbad, R., van Raaij, E., Løset, S., Eik, K.: <i>Oden arctic technology research cruise 2012</i>
17:00	END OF PARALLEL SESSIONS		
17:30	CITY RECEPTION AT ESPOO CULTURAL CENTRE. TRANSPORTATION FROM DIPOLI AT 17.30 AND BACK TO CONFERENCE HOTELS AT 20.00		
20:00			

TUESDAY 11.6.2013			
REGISTRATION DESK OPENS			
KEYNOTE LECTURE: Mark Hopkins: <i>Discrete Element Modeling in Ice Mechanics</i>			
COFFEE			
ICE MECHANICS 4	ICE MANAGEMENT AND RISKS 2	NUMERICAL METHODS IN ICE ENGINEERING	ENGINEERING IN COLD REGIONS
9:30 038 Choi, K., Kim, H., Ha, J.: <i>Sea ice properties of the Amundsen sea, Antarctica</i>	194 Rossiter, C., McKenna, R.: Drift direction changes and implications for sea ice management	222 Polojärvi, A., Tuhkuri, J.: <i>2D FEM-DEM simulations of punch through tests: effects of partly consolidated rubble deformation</i>	042 Vasiliev, N., Ivanov, A.: Watertight ice and cryogel-soil composite membranes in upper parts of dams constructed in cold regions.
9:50 197 Sinityna, T., Shkhinek, K., Høyland, K.: <i>A statistical analysis of spatial strength heterogeneity of sea ice cover</i>	007 Bridges, R., Przydatek, J., Jenkins, V., Howarth, D.: Managing and mitigating the risks of materials selection for the winterisation of exposed deck equipment and systems	051 Metrikin, I., Løset, S.: <i>Non-smooth 3D discrete element simulation of a ship in discontinuous ice</i>	076 Bæverfjord, M. G., Tangen, H., Marchenko, N.: Coastal Erosion in Svalbard. Investigation and presentation in GIS
10:10 049 Karulina, M., Karulin, E., Marchenko, A.: <i>Field investigations of first year ice mechanical properties in north-west barents sea</i>	102 Izumiya, K., Otsuka, N.: <i>Ice thickness calculation from partial concentration values</i>	118 Heinenen, J., Høyland, K.: <i>Failure mechanisms in scale-model ridge keel punch through tests, FE-analysis</i>	112 Finseth, J., Sessfors, A., Hormes, H.: Erosion and geohazard protection of a coastal cultural heritage in Svalbard; 'Fredheim'
10:30 204 Smirnov, V.: <i>Natural data about mechanics of interaction of sea drifting ice</i>	078 Berg, T., Berge, B., Borgen, H., Hänninen, S., Suojanen, R., Su, B.: <i>Offshore vessel design for barents sea operations</i>	140 Kolari, K.: <i>Simulation of brittle failure of ice</i>	062 Marchenko, N.: Geographical informational systems for sustainable arctic technology
10:50 134 Marchenko, A., Wrangborg, D., Thiel, T.: <i>Using distributed optical fiber sensors based on fbgs for the measurement of temperature fluctuations in saline ice and water on small scales</i>	012 Ayele, Y., Barabadi, A., Markeset, T.: <i>Spare part transportation management in high north</i>	142 Kuutti, J., Kolari, K.: <i>Simulation of dynamic crushing in structure-ice interaction</i>	
11:10 114 Justad, J., Høyland, K.: <i>The UNIS bore hole jack; description, experiments 2012 and a refined classification system</i>		068 Lu, W., Lubbad, R., Løset, S.: <i>A way towards applying the cohesive element method to study the global and local ice load on sloping structures</i>	
LUNCH			
12:30 TRIP TO SUOMENLINNA SEA FORTRESS. TRANSPORTATION FROM DIPOLI AT 12.30 AND BACK TO CONFERENCE HOTELS AT ABOUT 17.30.			
17:30			

WEDNESDAY 12.6.2013			
REGISTRATION DESK OPENS			
8:30 KEYNOTE LECTURE: Jorma Kämäräinen: <i>Ice Classification Rules and IMO</i>			
9:15 KEYNOTE LECTURE: Kaj Riska: <i>Development of the Finnish-Swedish Ice Class Rules using recent research results</i>			
10:00 COFFEE			
10:10	MODEL TESTING IN ICE 1	STRUCTURES IN ICE 1	SHIPS IN COMPRESSIVE ICE
10:10	138 Serré, N., Høyland, K., Evers, K.: <i>Rubble ice transport on arctic offshore structures (RITAS), part I: scale-model investigations of level ice action mechanisms</i>	046 Timco, G., Barker, A.: <i>Evaluating the iso arctic structures code against full-scale empirical data</i>	180 Külaots, R., Kujala, P., von Bock und Polach, R., Montewka, J.: <i>Modelling of ship resistance in compressive ice channels</i>
10:30	136 Serré, N., Høyland, K., Evers, K.: <i>Rubble ice transport on arctic offshore structures (RITAS), part II: 2D scale-model study of level ice action</i>	226 Kärnä, T., Andersen, H., Gürtner, A., Metrikine, A., Sodhi, D., Loo, M., Kuiper, G., Gibson, R., Fenz, D., Muggeridge, K., Wallenburg, C., Wu, J-F., and Jefferies, M.: <i>Ice-induced vibrations of offshore structures – looking beyond ISO 19906</i>	181 Montewka, J., Lensu, M., Sinclair, H., Kujala, P.: <i>A probabilistic model for estimation of ship performance in compressive ice</i>
10:50	080 Nord, T., Määttänen, M., Øiseth, O.: <i>Force identification by frequency domain deconvolution in ice-structure interaction</i>	157 Mike, M., Reddy, S., Daley, C., Colbourne, B.: <i>Controlled plastic deformation of a grillage using artificial multiyear ice at a large scale</i>	208 Lensu, M., Haapala, J., Lehtiranta, J., Eriksson, P., Kujala, P., Suominen, M., Mård, A., Vedenpää, L., Kõuts, T., Liloer, M.: <i>Forecasting of compressive ice conditions</i>
11:10	106 Yap, K., Palmer, A.: <i>A model test on ice-induced vibrations: structure response characteristics and scaling of the lock-in phenomenon</i>	045 Jussila, V., Popko, W., Heinonen, J.: <i>Coupling of ice load simulation tools for cylindrical and conical structure with onewind</i>	209 Lensu, M., Suominen, M., Haapala, J., Külaots, R., Elder, B.: <i>Measurements of pack ice stresses in the Baltic</i>
11:30 LUNCH			
12:30	MODEL TESTING IN ICE 2	STRUCTURES IN ICE 2	FORECASTING
12:30	147 Suominen, M., Kujala, P.: <i>A study of measured line load lengths and maximum ice loads on model ship hull</i>	020 Hyunwook, K., Daley, C.: <i>Reanalysis of pressure patterns and pressure-area curves considering resolution of pressure measurement film</i>	077 Yulmetov, R., Løset, S., Eik, K.: <i>Analysis of drift of sea ice and icebergs in the Greenland sea</i>
12:50	023 Krupina, N., Chernov, A., Likhomanov, V., Maksimova, P., Savitskaya, A.: <i>The ice tank study of ice performance of large Ing in the old channel</i>	027 Spencer, P.: <i>A review of medof panel performance used on the molikpaq structure in the Canadian Beaufort sea</i>	116 Yulmetov, R., Marchenko, A., Løset, S.: <i>Ice drift and sea current analysis in the northwestern Barents sea</i>
13:10	101 Cho, S., Jeong, S.: <i>Experimental study of frictional coefficient between model ice and model ship</i>	087 Lu, W., Nicolas, S., Evers, K.: <i>Rubble ice transport on arctic offshore structures (RITAS), part IV: tactile sensor measurement of the level ice load on inclined plate</i>	192 Liloer, M., Kõuts, T., Pavelson, J.: <i>High resolution ice dynamics derived from adcp and icebound drifter data in the gulf of Finland, the Baltic sea</i>
13:30	178 Wilkman, G., Leiviskä, T.: <i>Forty three years of ice model testing in Finland</i>	094 Kniazev, L., Tryaskin, V., Dudal, A.: <i>Method for recovery of ice load parameters based on strain gauge measurements</i>	166 Crocker, G., Carriers, T., Tran, H.: <i>Ice island drift and deterioration forecasting in eastern Canada</i>
13:50	122 Hoving, J., Vermeulen, R., Mesu, A., Cammaert, G.: <i>Experiment-based relations between level ice and managed ice loads on a multi-legged structure</i>	013 Bekker, A., Uvarova, T., Pomnikov, E.: <i>Review of the test methods for various materials of resistance for ice abrasion</i>	164 Kubat, I., Babaei, H., Sayed, M.: <i>Analysis of besetting incidents in Frobisher bay during 2012 shipping season</i>
14:10		019 Määttänen, M.: <i>Owec ice loads in landfast ice zone</i>	073 Zubakin, G., Gudoshnikov, Y., Nesterov, A., Kubyskhin, N., Skutin, A., Buzin, I., Vinogradov, R., Naumov, A., Klyachkin, S., Andreev, O.: <i>Estimation of ice conditions of the northern Ob' bay for the purpose of the port construction in Sabetta</i>
14:30 COFFEE			
15:00	ICE RIDGES 1	STRUCTURES IN ICE 3	ICE AND NAVIGATION
15:00	070 Sudom, D., Timco, G.: <i>Knowledge gaps in sea ice ridge properties</i>	054 Palmer, A., Bjerkas, M.: <i>Synchronisation and the transition from intermittent to locked-in ice-induced vibration</i>	201 Yamaguchi, H.: <i>Sea ice prediction and construction of an ice navigation support system for the arctic sea routes</i>
15:20	125 Helgøy, H., Astrup, O., Høyland, K.: <i>Laboratory work on freeze-bonds in ice rubble, part I: experimental set-up, ice-production and ice texture</i>	066 Hendrikse, H., Metrikine, A.: <i>The influence of friction at the ice-structure interface on ice induced vibrations</i>	088 Valkonen, J., Eide, L.: <i>Sensitivity of arctic transit shipping to climate variability</i>
15:40	126 Helgøy, H., Astrup, O., Høyland, K.: <i>Laboratory work on freeze-bonds in ice rubble, part II: results from individual freeze-bond experiments</i>	195 Wang, Y., Yue, Q.: <i>Physical mechanism of ice induced self-excited vibration</i>	071 Yakimov, V., Tryaskin, V.: <i>Use of the stochastic simulation technique for estimation of the ice cover strength by interaction with ship hull</i>
16:00	090 Astrup, O., Helgøy, H., Høyland, K.: <i>Laboratory work on freeze-bonds in ice rubble, part III: shear box experiments</i>	015 Shkhinek, K., Zhilenkov, A., Thomas, G.: <i>Vibration of fixed offshore structures under ice action</i>	167 Choi, M., Chung, H., Yamaguchi, H.: <i>Application of genetic algorithm to ship route optimization in ice navigation</i>
16:20	079 Patil, A., Sand, B., Fransson, L.: <i>Numerical simulations of shear properties of ice rubble: a shear box experiment</i>	055 Onken, G., Evers, K., Haase, A., Jochmann, P.: <i>Ice model tests with a cylindrical structure to investigate dynamic ice-structure interaction</i>	163 Dolny, J., Yu, H., Daley, C., Kendrick, A.: <i>Developing a technical methodology for the evaluation of safe operating speeds in various ice conditions</i>
16:40	060 Ekeberg, O., Høyland, K., Hansen, E.: <i>Extreme keel drafts in the Fram Strait 2006-2011</i>	033 Guo, F.: <i>Analysis of the key parameters in frequency locked-in scenario</i>	223 Ryabov, S., Eik, K.: <i>On the quality of weather forecasts and ice charts offshore north east Greenland</i>
17:00 END OF PARALLEL SESSIONS			
18:00 CONFERENCE DINNER AT HSS BOATHOUSE. TRANSPORTATION FROM CONFERENCE HOTELS AT 18.00. TRANSPORTATION BACK TO CONFERENCE HOTELS STARTING AT 22.00.			

THURSDAY 13.6.2013			
REGISTRATION DESK OPENS			
8:30 KEYNOTE: Dan Masterson: <i>Ice Engineering Over the Decades</i>			
9:15 COFFEE			
9:30	ICE RIDGES 2	STRUCTURES IN ICE 4	GOUGING
9:30	120 Shestov, A., Marchenko, A.: <i>Thermodynamic consolidation of ice rubble in water at varying freezing point. experiment</i>	213 Neth, V., Masterson, D.: <i>Behaviour of an ice sheet under heavy loading</i>	185 Been, K., Croasdale, K., Jordaan, I., Verlaan, P.: <i>Practice for pipeline design in ice scoured environments: application to the kashagan project</i>
9:50	154 Bailey, E., Sammonds, P., Feltham, D.: <i>The consolidation of rafted sea ice</i>	063 Barker, A., Sayed, M., Frederking, R.: <i>Multi-leg structures in ice – examining global loading uncertainties</i>	186 Parr, G., Fuglem, M., Jordaan, I., Verlaan, P.: <i>Stamukha pits – input characteristics for design of pipelines in the caspian sea</i>
10:10	030 Karvonen, J., Haapala, J., Heiler, I.: <i>Ice objects tracked from coastal radar image sequences as virtual ice buoys</i>	196 Liu, J., Tan, P.: <i>Ice load assessment for jack-up</i>	187 Fuglem, M., Parr, G., Jordaan, I., Verlaan, P., Peek, R.: <i>Sea ice scour depth and width parameters for design of pipelines in the caspian sea</i>
10:30	119 Nesterov, A., Voinov, G.: <i>The tidal effects in the northern Ob bay</i>	221 Lengkeek, H.J.: <i>Combined translational and rotational sliding of structures due to ice loads</i>	188 Croasdale, K., Been, K., Peek, R., Verlaan, P.: <i>Stamukha loading cases for pipelines in the caspian sea</i>
10:50	168 Marchenko, A., Onishchenko, D.: <i>Kinematics of ice piling up and ice loads on narrow structures in shallow water regions: laboratory experiments and mathematical modelling</i>	016 Tsarau, A.: <i>Numerical studies of floating structures in broken ice</i>	189 Been, K., Peek, R., Croasdale, K., Verlaan, P.: <i>Subscour displacements for pipeline design: state of practice for kashagan project</i>
11:10	010 Kharitonov, V.: <i>Distribution of ice volume content in sea ice ridges</i>		212 Buharitsin, P.: <i>The role of drifting ice in building the bottom landscape and sediment composition in the shallow waters of north caspian sea</i>
11:30 LUNCH			
12:30	ICE RIDGES 3	ICE MECHANICS 5	ICE BREAKING SHIPS 4
12:30	044 Sand, B., Petrich, C., Sudom, D.: <i>Morphologies of ridges surveyed off Svalbard and in Fram Strait, 2011 and 2012 field expeditions</i>	085 Burden, J., Kenny, S., Phillips, R.: <i>Analysis of ice structure interaction events with application to subsea infrastructure</i>	165 Kujala, P., Ehlers, S.: <i>Limit state identification for ice-strengthened hull structures using measured long-term loads</i>
12:50	203 Mudge, T., Ross, E., Fissel, D., Marko, J.: <i>An improved method of extreme value analysis of arctic sea ice thickness derived from upward looking sonar ice data</i>	184 Peek, R., Been, K., Bouwman, V., Nobahar, A., Sancio, R., van Schalkwijk, R.: <i>Buried pipeline response to ice gouging on a clay seabed large scale tests and finite element analysis</i>	058 Goncharov, V., Klementieva, N., Sazonov, K.: <i>Interaction of ships under navigation within navigable ice channel</i>
13:10	011 Kharitonov, V.: <i>On the results of research of the internal structure of ice ridges in the "north pole – 2010" expedition at barneo ice camp in april 2010</i>	121 Moore, P., Jordaan, I., Taylor, R.: <i>Explicit finite element analysis of compressive ice failure using damage mechanics</i>	064 Kjerstad, Ø., Skjetne, R., Berge, B.: <i>Constrained nullspace-based thrust allocation for heading prioritized stationkeeping of offshore vessels in ice</i>
13:30	048 Kharitonov, V.: <i>Evolution of internal structure of ice ridge investigated at «north pole – 38» and «north pole – 39» drifting stations</i>	169 Marchenko, A.: <i>Ice thickness distribution and drift velocities in axially symmetric solutions of sea ice dynamics models with elastic-plastic and viscous-plastic rheology</i>	211 Valtonen, J.: <i>Dimensioning loads for the cross-deck of icebreaking trimarans</i>
14:10		084 Kulyakhin, S., Høyland, K., Astrup, O., Evers, K.: <i>Rubble ice transport on arctic offshore structures (RITAS), part III: analysis of model scale rubble ice stability</i>	202 Ozeki, T., Sagawa, G.: <i>Field observation of seawater spray droplets impinging on upper deck of an icebreaker</i>
14:30		057 Goncharov, V., Klementieva, N.: <i>Simulation of the ice cover freezing rate</i>	
14:45 COFFEE			
CLOSING CEREMONY			