

**Jonsmod 2012**  
**Programme (09 May 2012)**  
**BREST, France**  
**21<sup>th</sup> – 23<sup>th</sup> May 2012**

**MONDAY 21 May**

**08:00 Coach leaves Brest downtown for IFREMER**

08:30 – 09.00 Registration (Coffee, tea available)

09.00 – 09.15 Welcome

**SESSION I – [CHAIR – Franck Dumas]**

- 09.20 – 09.40 Speaker 1-1  
**Assimilation of Sea Surface Temperature in the MARS3D regional modelling system using Ensemble Kalman Filter**  
Catherine Heyraud<sup>1</sup>, Stéphane Raynaud<sup>1</sup>, Philippe Craneguy<sup>2</sup>, Franck Dumas<sup>3</sup>, Guillaume Charria<sup>3</sup>  
1) Actimar, Brest, France 2) ACRI-ST, Brest, France 3) IFREMER, Plouzané, France
- 09.40 – 10.00 Speaker 1-2  
**Operational numerical modeling of the Southeastern Brazilian Shelf circulation**  
Carlos A. de S. França<sup>1</sup>, Patrick Luyten<sup>2</sup> and Edmo J. D. Campos<sup>1</sup>
- 10.00 – 10.20 Speaker 1-3  
**Numerical simulation of flow and aquaculture waste dispersion in a curved channel**  
Alfatih Ali<sup>1,2</sup>, Øyvind Thiem<sup>1</sup> and Jarle Berntsen<sup>2</sup> **Tomas Torsvik**  
1)Bergen Center for Computational Science, Norway.  
2)University of Bergen, Norway
- 10.20 – 10.40 Speaker 1-4  
**Coastal dispersion model reliability in accidental situation (Fukushima,Japan), how to make the most of in-situ measurements?**  
Bailly Du Bois P.<sup>1</sup>, Laguionie P.<sup>1</sup>, Garreau P.<sup>2</sup>, Theetten S.<sup>2</sup>  
1) IRSN/PRP/SERIS/LRC Rue Max Pol Fouchet - BP10, Cherbourg-Octeville, 50130, France  
2) IFREMER/DYNECO/PHYSED Technopôle de Brest-Iroise, Plouzané, 29280, France
- 10.40 – 11:00 Speaker 1-5  
**Numerical Modelling of Wind-Driven Circulation Behind a Large Wind Farm In the presence of Surface Gravity Waves**  
Mostafa Bakhoday Paskyabi and Ilker Fer  
University of Bergen, Geophysical Institute, Allegaten 70, 5007 Bergen, Norway.
- 11.00 – 11.20 BREAK**
- 11.20 – 11.40 Speaker 1-6  
**The typhoon season of 1971 in the coastal area of the Red River delta in North Vietnam**  
K. Baetens, P. Luyten, T. Tran Anh and V. Vu Duy  
MUMM, Belgium
- 11.40 – 12,00 Speaker 1-7  
**Hurricane-induced bottom stirring on the Louisiana-Texas continental shelf**  
João Lima Rego<sup>1</sup>, Katherine Cronin<sup>1</sup>, Patrick Hesp<sup>2</sup>, Deepak Vatvani<sup>1</sup>, Amanda M. Evans<sup>3</sup> and Matthew E. Keith<sup>3</sup>  
1)Marine and Coastal Systems Unit, Deltares (Delft, The Netherlands) 2)Geography and Anthropology Dept., Louisiana State University (Baton Rouge, La, U.S.A) 3)Tesla Offshore LLC. (Baton Rouge, La, U.S.A)
- 12:20 – 12:40 Speaker 1-8  
**Analysis of the atmospheric influence in water level modelling along the Iberian Atlantic coast**  
Francisco J. Campuzano<sup>1</sup>, Ligia Pinto<sup>1</sup>, Rodrigo Fernandes<sup>1</sup>, Paulo Chamber<sup>2</sup>, Luís Fernandes<sup>3</sup> and Ramiro Neves<sup>1</sup>  
1) Maretec – Instituto Superior Técnico, Lisbon (Portugal) 2) HIDROMOD, Modelação em Engenharia, Lda., Lisbon (Portugal) 3) Freelance consultant
- 12:40 – 13:00 Speaker 1-9  
**On the predictability of nearshore and harbors sea levels.**  
Carlo BRANDINI<sup>1</sup>, Francesco PASI<sup>1</sup>, Stefano TADDEI<sup>1</sup>, Maria FATTORINI<sup>1</sup>, Alberto ORTOLANI<sup>1</sup>.  
CNR Ibimet & Consorzio LaMMA, Via Madonna del Piano 10 Sesto Fiorentino (FI) Italy.

**13.00 – 14.20 LUNCH**

**MONDAY 21 May****SESSION II – [CHAIR – Nataliya Stashchuk]**

- 14.20 – 14.40 Speaker 2-1  
**Morphological modelling of an intertidal flat nourishment in the Eastern Scheldt, The Netherlands**  
**Katherine Cronin**<sup>1</sup>, Bas Borsje<sup>1</sup>, Harriëtte Holzhauer<sup>1</sup>, Ilse de Mesel<sup>2</sup>, Tom Ysebaert<sup>2</sup> and Anneke Hibma<sup>3</sup>  
1) Marine and Coastal Systems Unit, Deltares, PO Box 177, 2600 MH, Delft, The Netherlands;  
2) IMARES – Institute for Marine Resources & Ecosystem Studies, PO Box 77, 4400 AB Yerseke  
3) Ecoshape | Building with Nature, Van Oord Dredging and Marine Contractors BV, PO Box 8574, 3009 AN Rotterdam, The Netherlands
- 14.40 – 15.00 Speaker 2-2  
**Modelling the fate and transport of suspended sediments and contaminants in the Scheldt River and Estuary with the finite element model SLIM**  
**Olivier Gourgue**, Anouk de Brauwere, Benjamin de Brye, Eric Deleersnijder  
*Institute of Mechanics, Materials and Civil Engineering (IMMC) Université catholique de Louvain*
- 15.00 – 15.20 Speaker 2-3  
**Modelling wave propagation and hydrodynamics in the East-Frisian Wadden Sea**  
**Sebastian Grashorn**, Karsten Lettmann, and Jörg-Olaf Wolff  
University of Oldenburg, ICBM, Carl-von-Ossietzky-Str. 9-11, 26111 Oldenburg, Germany
- 15.20 – 15.40 Speaker 2-4  
**Data assimilation in coastal ocean modelling and forecasting**  
**Herman Gerritsen**<sup>1</sup>, Martin Verlaan<sup>1,2</sup>, Julius Sumihar<sup>1</sup>, Firmijn Zijl<sup>1</sup>  
1) Deltares, P.O. Box 177, 2600 MH, Delft, Netherlands  
2) Technical University Delft, Faculty of Applied Mathematics
- 15.40 – 16.00 BREAK**
- 16:00 – 16.20 Speaker 2-5  
**Realistic high resolution modeling of the Northern Mediterranean Current (NC) using the NEMO code : impact of model parametrisation at lateral and open boundaries and validation with observations.**  
**Karen GUIHOU** MIO, CNRS Université de Toulon et du Var
- 16.20 – 16.40 Speaker 2-6  
**Sea Surface Temperature (SST) modelling in the Sea of Iroise. Assessment of boundary conditions.**  
**Nicolas Guillou**<sup>1</sup>, Georges Chapalain<sup>1</sup> and Eric Duvieilbourg<sup>2</sup>  
1) LGCE, CETMEF, Technopôle Brest-Iroise, 29280 Plouzané, France  
2) LEMAR, IUEM, Technopôle Brest-Iroise, 29280 Plouzané, France
- 16.40 – 17.00 Speaker 2-7  
**Short internal waves trailing strong internal solitary waves in the South China Sea studied by a numerical model and Envisat synthetic aperture radar images**  
**Chuncheng Guo**<sup>1,3</sup>, Vasily Vlasenko<sup>1</sup>, Werner Alpers<sup>2</sup>, Nataliya Stashchuk<sup>1</sup>, Xueen Chen<sup>3</sup>  
1) School of Marine Science and Engineering, University of Plymouth, Plymouth, UK  
2) Center for Marine and Atmospheric Sciences, Institute of Oceanography, University of Hamburg, Hamburg, Germany  
2) College of Physical and Environmental Oceanography, Ocean University of China, Qingdao, China
- 17.00 – 17.20 Speaker 2-8  
**Progress in the development and use of a finite element hydrospheric model**  
**Eric Deleersnijder**<sup>1</sup>, Fernando Andutta<sup>2</sup>, Sébastien Blaise<sup>1</sup>, Sylvain Bouillon<sup>1</sup>, Hans Burchard<sup>3</sup>, Anouk de Brauwere<sup>1</sup>, Benjamin de Brye<sup>1</sup>, Thomas De Maet<sup>1</sup>, Philippe Delandmeter<sup>1</sup>, Eric Delhez<sup>4</sup>, Thierry Fichet<sup>1</sup>, Olivier Gourgue<sup>1</sup>, Emmanuel Hanert<sup>1</sup>, Hidayat Hidayat<sup>5</sup>, Ton Hoitink<sup>5</sup>, Ozgur Karatekin<sup>6</sup>, Tuomas Kärrnä<sup>1</sup>, Jonathan Lambrechts<sup>1</sup>, Vincent Legat<sup>1</sup>, Samuel Melchior<sup>1</sup>, Jaya Naithani<sup>1</sup>, Alice Pestiaux<sup>1</sup>, Chien Pham Van<sup>1</sup>, Jean-François Remacle<sup>1</sup>, Maximiliano Sassi<sup>5</sup>, Bruno Seny<sup>1</sup>, Karim Slaoui<sup>1</sup>, Sandra Soares Frazao<sup>1</sup>, Benoît Spinewine<sup>1</sup>, Christopher Thomas<sup>1</sup>, Martin Vancoppenolle<sup>7</sup>, Bart Vermeulen<sup>5</sup>, Eric Wolanski<sup>2</sup>  
1) Université catholique de Louvain, Louvain-la-Neuve, Belgium 2) James Cook University, Townsville, Australia 3) Baltic Sea Research Institute, Warnemünde, Germany 4) Université de Liège, Belgium 5) University of Wageningen, The Netherlands 6) Royal Observatory of Belgium, Brussels, Belgium 7) Institut Pierre Simon Laplace, Paris, France
- 17.20– 17.40 Speaker 2-9  
**Spatial Pattern of Hits to the Nearshore from a Major Marine Highway in the Gulf of Finland**  
**Bert Viikmäe**, Institute of Cybernetics at Tallinn University of Technology; Estonia

**18:30 – 20:30 Icebreaker: drinks and warm and cold snacks (in IFREMER)****20:30 Departure of coach from IFREMER to Brest Centre**

## TUESDAY 22 May

08:30 Coach leaves Brest downtown for IFREMER

### SESSION III – [CHAIR- Lars Peter ROED]

- 09.00 – 09.20 Speaker 3-1  
**A study of the fresh water plume and its interaction with barotropic tidal currents in Liverpool Bay using an unstructured-mesh model**  
Jiuxing Xing and Alan Davies ;National Oceanography Centre, Liverpool, UK **Philippe Fraunie**  
Mediterranean Institute of Oceanography, University of Toulon Var, France
- 09.20 – 09:40 Speaker 3-2  
**Calibration of a New Generation Flood Forecasting Model for the Northwest European shelf and North Sea using data assimilation techniques (OpenDA)**  
**Firmijn Zijl**, Martin Verlann, Herman Gerritsen  
Deltares, P.O. Box 177, 2600 MH Delft, The Netherlands
- 09.40 – 10.00 Speaker 3-3  
**Coastal circulation response to physical forcing; Application of MARS-3D model for studying dispersal processes in the eastern English Channel .**  
**N. Jouanneau**, A. Sentchev  
Laboratoire d'Océanologie et de Géosciences (UMR8187 du CNRS), Wimereux, France F. Dumas DYNECO/PHYSED, Ifremer, Centre de Brest, Plouzané, France
- 10.00 – 10.20 Speaker 3-4  
**Modelling the Krakatoa tsunami propagation on the European Atlantic Shelf.**  
**M. KARPYTCHEV**, D. CHEVAILLIER, H. HEBERT  
LIENSs CNRS UMR 7266 - University of La Rochelle (France)
- 10.20 – 10.40 Speaker 3-5  
**Modelling the dynamics of a large-scale river plume and Their effect on nutrient distribution**  
**Robert McEwan**<sup>1</sup>, Maeve Lohan<sup>2</sup>, Nataliya Stashchuk<sup>1</sup>and Vasily Vlasenko<sup>1</sup>  
1)School of Marine Science and Engineering,  
2)School of Geography, Earth and Environmental Sciences,  
University of Plymouth, Plymouth, Devon, PL4 8AA, UK

### 10:40 – 11.00 BREAK

- 11.00 – 11:20 Speaker 3-6  
**Modelling larval dispersal of the great scallop in the English Channel**  
**A. Nicolle**<sup>1</sup>, F. Dumas<sup>3</sup>, E.Thiébaud<sup>1,2</sup>  
1) CNRS, UMR 7144, Adaptation et Diversité en Milieu Marin, Station Biologique de Roscoff, 29680 Roscoff (France)  
2) UPMC Univ Paris 06, UMR 7144, **Station Biologique de Roscoff, 29680 Roscoff, France**  
3) IFREMER, Plouzané (France)
- 11.20 – 11.40 Speaker 3-7  
**NW Mediterranean sea model toward the study of the climate change impacts on the coastal ecosystems**  
**I. Pairaud**<sup>1</sup>, P. Garreau<sup>2</sup>, N. Bensoussan<sup>3</sup>, J. Garrabou<sup>4</sup>  
1) LER PAC, Centre IFREMER Méditerranée, zone portuaire de Brégaillon - BP330, 83507 La Seyne sur Mer Cedex, France.  
2) DYNECO/PHYSED, Centre IFREMER de Bretagne - BP 70, 29280 Plouzané, France.  
3) IPSO FACTO, SARL, Pôle Recherche Océanologie et Limnologie, 37 rue Saint-Sebastien, 13006 Marseille, France.  
4) Institute of Marine Sciences (ICM-CSIC), passeig Maritim de la Barceloneta 37-49, 08003 Barcelona, Spain
- 11.40 – 12,00 Speaker 3-8  
Cancelled
- 12:20 – 12:40 Speaker 3-9  
**3D coupled physical-biogeochemical modeling in a coastal area: Study of Rhone River diluted water intrusion in Marseille's Bay**  
**Fraysse M.**, Pairaud I.L., Faure V. and Pinazo C.  
IFREMER Méditerranée -LER/PAC (FRANCE)
- 12-40 – 13.00 Speaker 3-10  
**Processes analysis in the Channel of Toulon: model/measures**  
**Christiane Dufresne**  
IRSN - Zone Portuaire de Brégaillon, BP330, 83507 La Seyne sur Mer, France

### 13.00 – 14:20 LUNCH

## TUESDAY 22 May –

### SESSION IV – [CHAIR - Erik de Goede]

- 14.20 – 14.40 Speaker 4-1  
**Evaluation of results from eddy resolving models: Methods and examples**  
**Lars Petter Røed** and Nils Melsom Kristensen  
Norwegian Meteorological Institute and Department of Geosciences, University of Oslo; Norway
- 14.40 – 15.00 Speaker 4-2  
**An Ensemble based time-local H\_infty filter for efficient storm surge forecasting**  
**M. U. Altaf**<sup>1,2</sup>, T. Butler<sup>3</sup>, I. Hoteit<sup>2</sup>, X. Luo<sup>2</sup>, C. Dawson<sup>3</sup>, T. Mayo<sup>3</sup>  
<sup>1</sup>Delft Institute of Applied Mathematics, Delft University of Technology, Delft, The Netherlands,  
<sup>2</sup>King Abdullah University of Science and Technology, Saudi Arabia  
<sup>3</sup>Institute for Computational Engineering and Sciences (ICES), University of Texas at Austin, Austin, USA
- 15.00 – 15.20 Speaker 4-3  
**Shelf break Frontal Circulation near the Sable Gully of Nova Scotia**  
**Shiliang Shan**<sup>1</sup>, Jinyu Sheng<sup>1</sup>, Blair Greenan<sup>2</sup>  
1)Department of Oceanography, Dalhousie University **Halifax, Canada, B3H4R2**  
2)Ocean Sciences Division, Bedford Institute of Oceanography  
Department of Fisheries and Oceans Dartmouth, Canada, B2Y4A2
- 15.20 – 15.40 Speaker 4-4  
**3D numerical simulations of the baroclinic tides in the Celtic Sea**  
**Nataliya Stashchuk** and Vasiliy Vlasenko  
*School of Marine Science and Engineering, University of Plymouth, Plymouth, Devon, PL4 8AA, UK*
- 15.40 – 16.00 **BREAK**
- 16:00 – 16.20 Speaker 4-5  
**Characterization of local transport properties in ocean models**  
**Tomas Torsvik**  
Institute of Cybernetics,; Tallinn University of Technology, Tallinn, Estonia
- 16.20 – 16.40 Speaker 4-6  
**Prediction of Ocean State Estimate by assimilation of temperature and salinity data. A case study for the southern North Sea** Joanna Staneva, **Johannes Schulz Stellenfleth**  
Institute for Coastal Research, HZG ; Germany
- 16.40 – 17.00 Speaker 4-7  
**Numerical study of circulation, hydrography and sea-ice conditions In the Gulf of St. Lawrence and Scotian Shelf using a coupled ocean-ice model**  
**Jorge Urrego-Blanco** and Jinyu Sheng  
Dalhousie University, Halifax, Canada
- 17.00 – 17.20 Speaker 4-8  
**On the mechanism of A-type and B-type internal solitary wave generation in the northern South China Sea**  
**Vasiliy Vlasenko**<sup>1</sup>, Chuncheng Guo<sup>1</sup>, Nataliya Stashchuk<sup>1</sup>, and Xueen Chen<sup>2</sup>  
1) *School of Marine Sciences and Engineering, Plymouth University, UK*  
2) *College of Physical and Environmental Oceanography, Ocean University of China*
- 17.20 – 17.40 Speaker 4-9  
**3D-Flow Flexible Mesh: a showcase of hydrodynamical applications on flexible unstructured grids**  
Van DAM Arthur, **Erik de Goede** ; Deltares Netherlands

18:30 Departure of coach from IFREMER to Brest

20:00 Conference dinner in "Gens de Mer" on Brest harbour

## WEDNESDAY 23 May

08:30 Coach leaves Brest downtown for IFREMER

### SESSION V – [CHAIR: Patrick Luyten]

- 09.00 – 09.20 Speaker 5-1  
**Classification of water masses using empirical orthogonal functions**  
**Karina Hjelmervik<sup>1</sup>**, Karl Thomas Hjelmervik<sup>2</sup>  
1) Vestfold University College, P.O. Box 2243, NO-3103 Tønsberg, Norway  
2) Norwegian Defence Research Establishment, P.O. Box 115, NO-3191 Horten, Norway
- 09.20 – 09:40 Speaker 5-2  
**Improving Storm surge modeling along the French (Atlantic and English Channel) coast**  
Idier D., **Muller H.**, Dumas F., Pineau-Guillou L., Paradis D., Créach R., and R. Pedreros  
BRGM, METEOFRANCE, IFREMER/DYNECO/PHYSED; FRANCE
- 09.40 – 10.00 Speaker 5-3  
**Study of the seasonal cycle of the biogeochemical processes in the NW Mediterranean sea using a 3D coupled model Mars3D-Eco3M.**  
**Elena Aleksenko**, Virginie Raybaud, Benedicte Thouvenin, Pierre Garreau, Melika Baklouti  
IFREMER DYNECO-PHYSED BP 70; 29280 Plouzané / Université de Marseille, France
- 10.00 – 10.20 Speaker 5-4  
**A generic approach to the concept of water renewal timescales**  
**Benjamin de Brye<sup>1</sup>**, Anouk de Brauwere<sup>1,2</sup>,  
Olivier Gourgue<sup>1,2</sup>, Eric Delhez<sup>3</sup>, Eric Deleersnijder<sup>1</sup>  
1 Université catholique de Louvain (UCL), Louvain-la-Neuve, Belgium  
2 Vrije Universiteit Brussel (VUB), Brussels, Belgium  
3 Université de Liège, Liège, Belgium
- 10.20 – 10.40 Speaker 5-5  
**How to reduce salinity intrusion in rivers, with application to the Rotterdam Waterway?**  
**Erik de Goede**, Yann Friocourt; Deltares, Delft (NL)

### 10:40 – 11.00 BREAK

- 11.00 – 11:20 Speaker 5-6  
**On the use of a depth-dependent barotropic mode for free surface ocean models**  
**J. Demange**, L. Debreu INRIA and Laboratoire Jean Kuntzmann, Grenoble, France P.  
Marchesiello IRD and LEGOS, Toulouse, France  
E. Blayo University of Grenoble and Laboratoire Jean Kuntzmann, Grenoble, France
- 11.20 – 11.40 Speaker 5-7  
**Why the Euler-scheme in particle-tracking is not enough: The shallow- sea pycnocline test case**  
**Ulf Gräwe<sup>1</sup>**, Eric Deleersnijder<sup>2</sup>, S. Hyder A. M. Shah<sup>3</sup>, Arnold W. Heemink<sup>3</sup>  
1) Leibniz Institute for Baltic Sea Research (IOW), Seestraße 15, 18119 Warnemünde, Germany  
2) Institute of Mechanics, Materials and Civil Engineering (IMMC), Université catholique de Louvain, 4 Avenue G. Lemaître, 1348, Louvain-la-Neuve, Belgium  
3) Delft Institute of Applied Mathematics (DIAM), Delft University of Technology, Mekelweg 4, 2628CD Delft, the Netherlands
- 11.40 – 12,00 Speaker 5-8  
**On the wave-current interactions**  
**A.-C. Bennis<sup>1,2,3</sup>**, F. Ardhuin<sup>3,2</sup>, F. Dumas<sup>2</sup>, B. Blanke<sup>1</sup>  
1- University of Western Brittany, LPO, 6 avenue Le Gorgeu, Brest, France.  
2- Ifremer, DYNECO/PHYSED, Technopole pointe du diable, Plouzané, France.  
3- Ifremer, LOS, Technopole pointe du diable, Plouzané, France.
- 12:20 – 12:40 Speaker 5-9  
**On the effects of surface waves on three dimensional near-shore hydrodynamics**  
**Saeed Moghimi**; Institute for Baltic Sea Research, Rostock
- 12-40 – 13.00 Speaker 5-10  
**Drift forecast with Mercator-Océan velocity fields in the Western Mediterranean Sea and the Angola offshore zone**  
**Law Chune Stéphane**  
Mercator-Océan: 8/10 rue Hermes Parc Technologique du Canal

### 13.00 – 14:20 LUNCH

**WEDNESDAY 23 May**

**SESSION VI – [CHAIR: Franck Dumas ]**

- 14.20 – 14.40 Speaker 6-1  
**Intercomparison and validation of operational high resolution coastal scalemodels between the Tyrrhenian and Ligurian Sea.**  
**Carlo BRANDINI**<sup>1</sup>, Sylvain COUDRAY<sup>2</sup>, Stefano TADDEI<sup>1</sup>, Maria FATTORINI<sup>1</sup>, Letizia COSTANZA<sup>1</sup>, Chiara LAPUCCI<sup>1</sup>, Pierre GARREAU<sup>2</sup>, Pierre POULAIN<sup>3</sup>, Riccardo GERIN<sup>3</sup>, Luca CENTURIONI<sup>4</sup>.  
1) CNR Ibimet & Consorzio LaMMA, Via Madonna del Piano 10 Sesto Fiorentino (FI) Italy.  
2) IFREMER, France.  
3) OGS, Trieste, Italy.  
4) Scripps Institution of Oceanography, San Diego, US
- 14.40 – 15.00 Speaker 6-2  
**Simulating the Hydrodynamics of San Quintin bay.**  
**Isabel Ramírez**, R. Blanco, R. Vázquez and G. Ramírez  
CICESE ; Mexico
- 15.00 – 15.20 Speaker 6-3  
**Multi-scale coupled modelling along the Catalan coast**  
**Manel Grifoll**  
Laboratori d'Enginyeria Marítima / Universitat Politècnica de Catalunya C. Jordi Girona, 1-3, 08028 Barcelona
- 15.20 - 15.40 Speaker 6-4  
**Spectral nudging : application to downscaling in Mediterranean Sea**  
**Pierre Garreau** ; Garnier Valérie ; IFREMER/DYNECO/PHYSED Brest ; FRANCE
- 15.40 – 16.00 BREAK**
- 16.00 – 16.20 Speaker 6-5  
**Prediction of Ocean State Estimate by assimilation of temperature and salinity data. A case study for the southern North Sea** Joanna Staneva, **Johannes Schulz Stellenfleth**  
Institute for Coastal Research, HZG ; Germany
- 16.20 – 16.40 Speaker 6-6  
Cancelled
- 17.00 – 18.00 Closing remarks**