

## Invitation

### *50 Years Institute for Physical Oceanography*

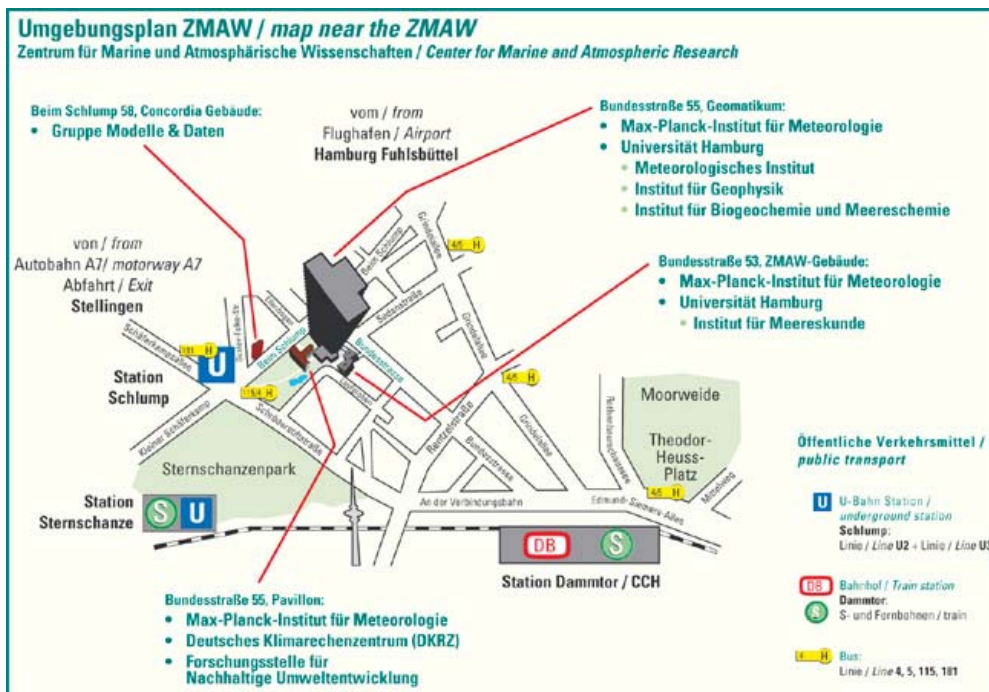
with

Colloquium in commemoration  
of the 65th birthday of

Prof. Dr. Jens Meincke

Institute for Physical Oceanography  
University of Hamburg

11./12. Oktober 2006



## Programme

Lectures in the seminar room of the ZMAW building,  
Bundesstraße 53

### Wednesday, 11 October 2006

9:00 - 9:30 Introductory remarks (D. Stammer, R. Salchow, J. M. Claussen)

**9:30 - 12:00 Research foci of the IFM during the past 50 years (Chair: D. Stammer)**

9:30 - 10:00 History of the Institute (J. Sundermann, IFM)

10:00 - 10:30 The development of numerical ocean models: from sea level model to modern assimilation methods (J. Backhaus, IFM)

10:30 - 11:00 Break

11:00 - 11:30 The development of climate-relevant field oceanography (D. Quadfasel, IFM)

11:30 - 12:00 Remote sensing for oceanographic earth system research (W. Alpers, IFM)

12:00 - 12:30 Scientific cooperation with other coastal states (T. Pohlmann, IFM)

12:30 - 14:00 Lunch

**14:00 - 15:00 The IFM and its partners in Hamburg (Chair: J. Sundermann)**

14:00 - 14:15 Cooperation with BSH (G. Becker)

14:15 - 14:30 Cooperation with MPI (K. Hasselmann)

14:30 - 14:45 Cooperation with BAW (H. Heyer)

14:45 - 15:00 Cooperation with GKSS (H. v. Storch)

15:00 - 15:30 Break

**15:30 - 18:00 Colloquium for Prof. Dr. Jens Meincke (Chair: D. Quadfasel)**

15:30 - 16:00 Water mass transformation in the Nordic Seas (M. Rhein, Uni Bremen)

16:00 - 16:30 Overflows and exchanges with the northern ocean (B. Hansen, Faroese Fisheries Laboratory)

16:30 - 17:00 Global context: WOCE, CLIVAR, AMOC (H. van Aken, NIOZ, Texel)

17:00 - 17:40 Festive talk (R. R. Dickson, CEFFAS, Lowestoft)  
17:40 - 18:00 Laudation: (A. Frühwald, Dean of the Faculty)

### Thursday, 12 October 2006

**9:00 - 12:30 Oceanography in future earth system research (Chair: J. Meincke)**

9:00 - 9:30 Visions (E. Hill, NOCS, Southampton)

9:30 - 9:50 Earth System Modelling (J. Marotzke, MPI HH)

9:50 - 10:10 Earth System Remote Sensing (D. Stammer, IFM)

10:10 - 10:30 Autonomous measurement systems in the ocean (M. Visbeck, IFM-GEOMAR, Kiel)

10:30 - 10:50 Break

10:50 - 11:10 Shipbound marine research (E. Fahrbach, AWI, Bremerhaven)

11:10 - 11:30 Marine chemistry and climate change (Körtzinger, IFM-GEOMAR, Kiel)

11:30 - 11:50 Dynamic interactions between organisms and physical environment (M. St. John, IHF, UniHH)

11:50 - 12:10 Oceanography, policy and society (A. Engel, UniHH)

12:10 - 12:30 Education and support for young scientists (H. Burchard, IOW, Warnemünde)

12:30 - 14:00 Lunch

**14:00 - 15:30 European research funding: national and European research perspectives. Statements from the following organisations (Chair: E. Suess):**

14:00 - 14:30 German Marine Research Consortium

14:30 - 15:00 Helmholtzgemeinschaft Deutscher

Forschungszentren

15:00 - 16:30 Panel discussion: The EU Green Book: Impacts on Oceanography. Participants: E. Suess (KDM, chair), K. Emeis (ZMAW), E. Fahrbach (AWI), E. Hill (NOCS), H. v. Storch (GKSS), M. Visbeck (IFM-GEOMAR)