

Oberwolfach Online Seminar on Mathematical Advances in Geophysical Flows

June 15-19, 2020

Organizers: Yoshikazu Giga, Matthias Hieber, Peter Korn, Edriss Titi

List of Speakers

All times are **German** times

June 15, 14.00h Sergey Danilov (Alfred-Wegener Institute, Bremen, Germany)

Unstructured Meshes in Global Ocean Modeling

15.00h Carolin Mehlmann (MPI Hamburg, Germany)

Finite Elements and Sea-Ice-Dynamics

June 17, 14.00h Takahito Kashiwabara (University of Tokyo, Tokyo, Japan)

The Semigroup and Maximal Regularity Approach to the Primitive Equations

15.00h Anne-Laure Dalibard (Sorbonne University, Paris, France)

Critical Reflections on Internal Waves

June 19, 14.00h Leslie Smith (University of Wisconsin, Madison, USA)

Fast Averaging with Phase Changes: Application to Moist Atmospheric Dynamics

15.00h Sabine Hittmeir (Vienna University, Vienna, Austria)

Multiphase Asymptotics and Analysis for Atmospheric Flow Models with Moisture