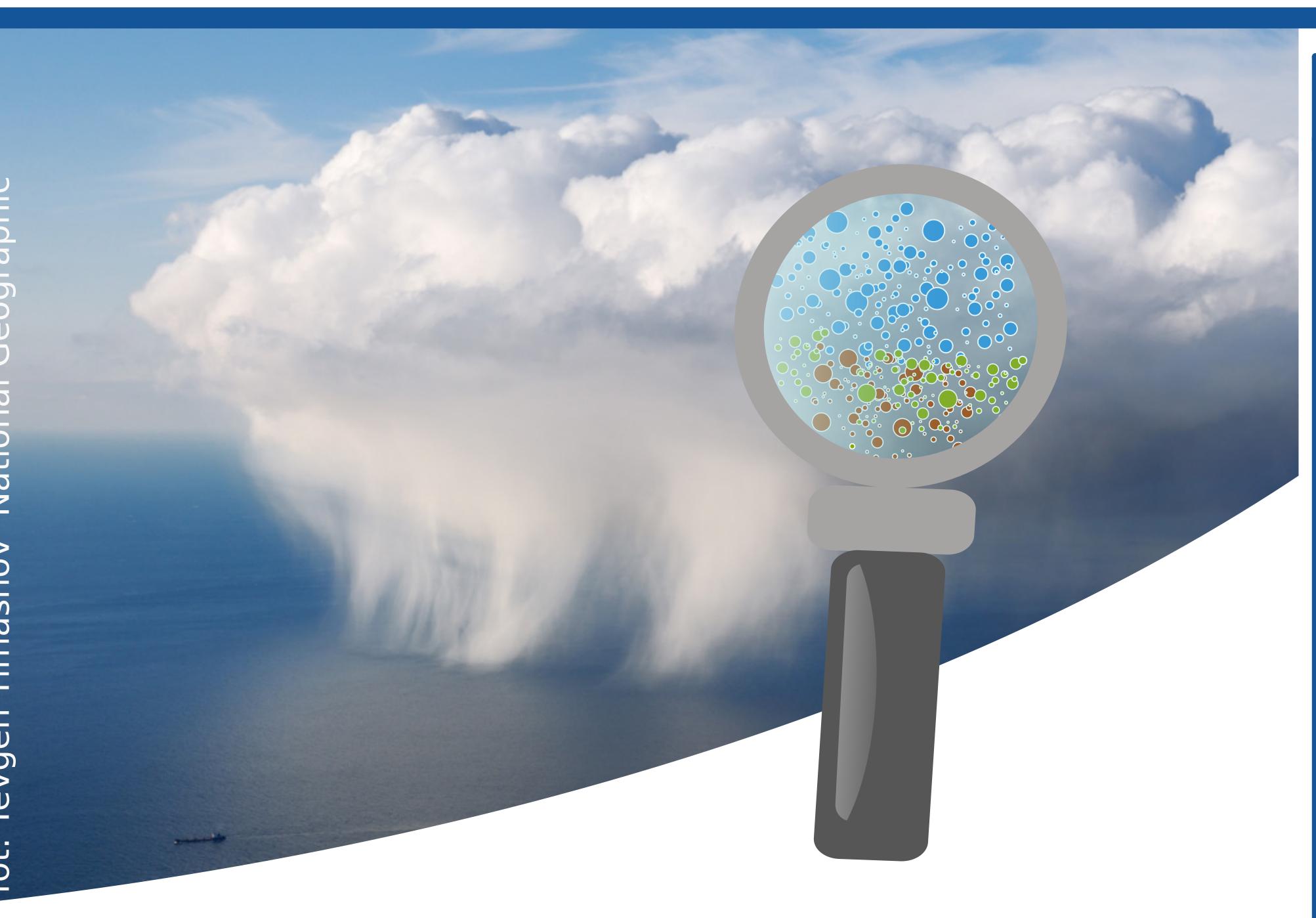
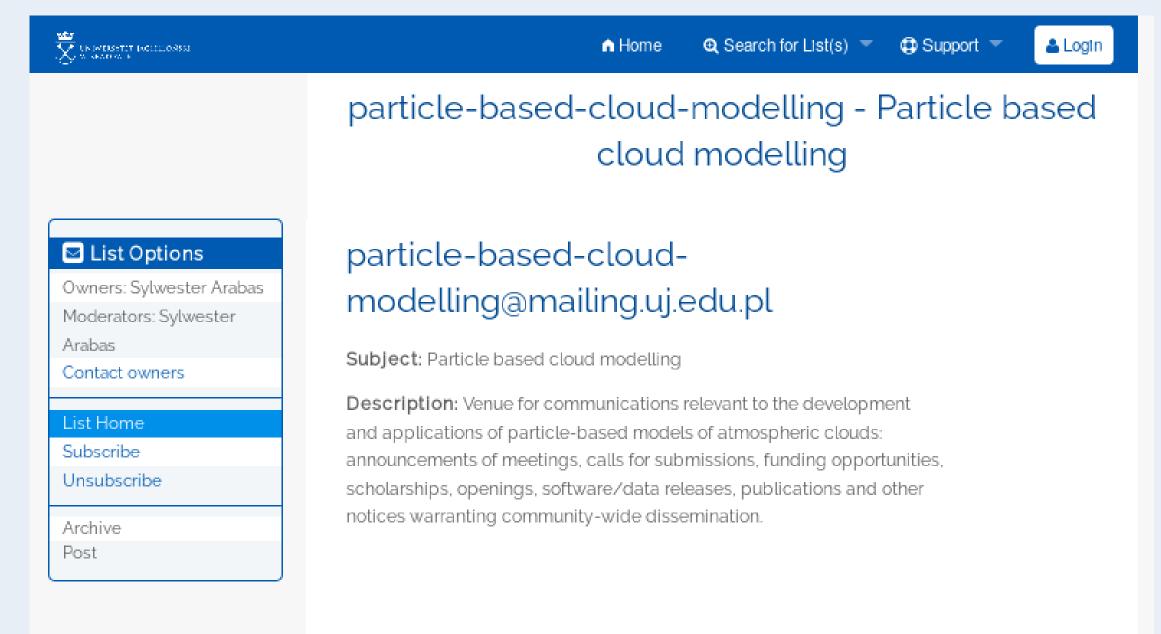
# http://particle-based-cloud-modelling.network

presented by Sylwester Arabas

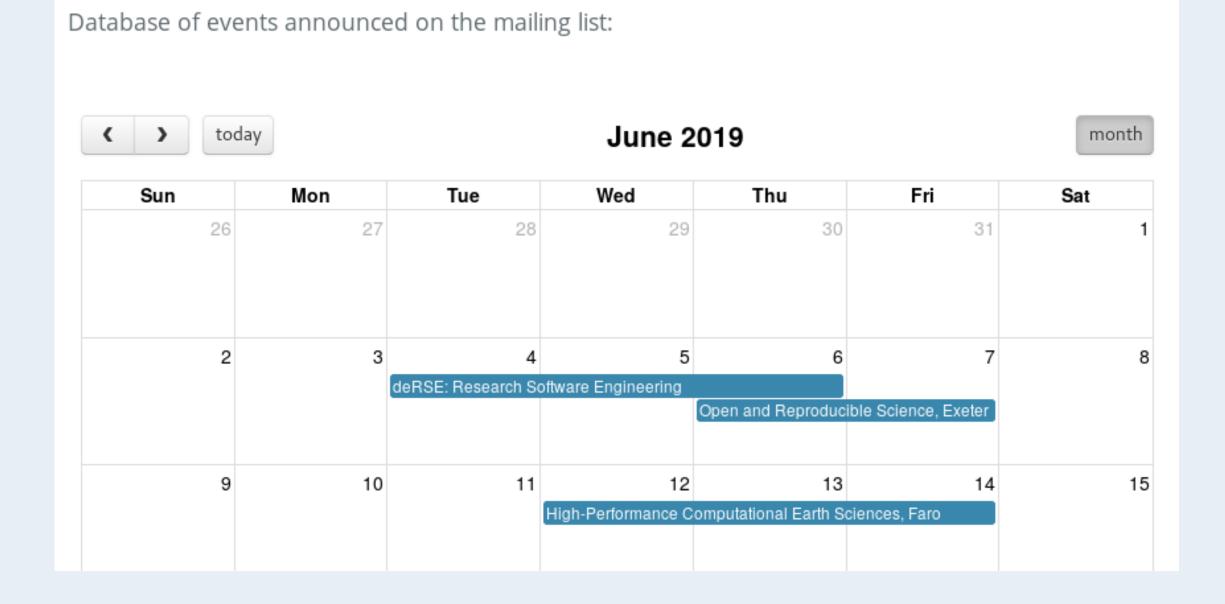


# initiatives

- COST Action proposal (deadline: Sep 2019) working groups list (ideas)
  - Aerosol-cloud-rain microphysics, aqueous chemistry, ...
  - Dynamics, turbulence representation, response to fluctuations
  - Benchmark case studies, corroboration with measurements
  - Development of parameterisations for larger-scale models
  - Algorithms, software engineering, visualisations, ...
  - Training co-ordination, dissemination (review paper, special issue?)
  - Beyond atmospheric clouds: interdisciplinary/industrial applications
  - ...
- particle-based-cloud-modelling mailing list



event calendar



# participating institutions

#### Please add yours!

- •
- ...

#### China

• East China Normal Unviersity, Institute of Atmospheric Science Shanghai (contact person: Limin Zhou)

#### France

- École Centrale de Lyon, Laboratoire de Mécanique des Fluides et d'Acoustique, Lyon (contact person: Aurore Naso)
- École Normale Supérieure, Laboratoire de Physique, Lyon (contact person: Alain Pumir)

#### Germany

- Max Planck Institute for Meteorology, Hamburg (contact person: Ann Kristin Naumann)
- Leibniz University Hannover, Institute of Meterology and Climatology, Hannover (contact person: Siegfried Raasch)
- Jülich Supercomputing Centre, Institute for Advanced Simulation, Jülich (contact person: Slavko Brdar)
- German Aerospace Center (DLR), Institute of Atmospheric Physics, Oberpfaffenhofen (contact person: Simon Unterstrasser)
- Germany's National Meteorological Service, Deutscher Wetterdienst DWD, Offenbach (contact person: Axel Seifert)

#### The Netherlands

• Wageningen University and Research, Meteorology and Air Quality Group, Wageningen (contact person: Chiel van Heerwaarden)

#### Norway

• University of Oslo, Department of Geosciences, Section for Meteorology and Oceanography, Oslo (contact: Xiang-Yu Li)

#### Japan

• University of Hyogo, Graduate School of Simulation Studies, Kobe (contact person: Shin-ichiro Shima)

#### Korea

• Yonsei University, Turbulence and Geophysical Fluid Dynamics Laboratory, Seoul (contact person: Yign Noh)

#### Poland

- University of Warsaw, Faculty of Physics, Institute of Geophysics, Warsaw (contact person: Hanna Pawłowska)
- Institute of Meteorology and Water Management, National Research Institute, Warsaw (contact person: Bogdan Rosa)
- Jagiellonian University, Faculty of Mathematics and Computer Science, Cracow (contact person: Sylwester Arabas)

### UK

• Met Office, Exeter (contact person: Adrian Hill)

## USA

- National Center for Atmospheric Research, Mesoscale and Microscale Meteorology Laboratory, Boulder, Colorado (contact person: Wojciech Grabowski)
- National Oceanic and Atmospheric Administration, Earth System Research Laboratory, Boulder, Colorado (contact person: Fabian Hoffmann)
- Los Alamos National Laboratory, Computational Physics Division, Los Alamos (contact person: Jon Reisner)
- California Institute of Technology, Climate Dynamics Group, Pasadena, California (contact person: Anna Jaruga)