Publications:

**The exhalant jet of mussels Mytilus edulis**  
Publication: Research - peer-review › Journal article – Annual report year: 2011

**Control of vortex breakdown in a closed cylinder with a rotating lid**  
Publication: Research - peer-review › Journal article – Annual report year: 2010

**Computational methods in wind power meteorology**  
Publication: Research › Report – Annual report year: 2007

**Wind atlas for Egypt: Measurements, micro- and mesoscale modelling**  
Publication: Research - peer-review › Article in proceedings – Annual report year: 2006

**Comparison of corrections to site wind speeds in the offshore environment: Value for short-term forecasting**  
Publication: Research › Article in proceedings – Annual report year: 2005

**Computational wind power meteorology in complex terrain compared to measurements (poster)**  
Publication: Research › Article in proceedings – Annual report year: 2005

**Offshore wind resource estimation from satellite SAR wind field maps**  
Publication: Research - peer-review › Journal article – Annual report year: 2005

**Computational wind power meteorology in complex terrain compared to measurements (poster)**  
Publication: Research › Poster – Annual report year: 2004

**Improving flow models for complex terrain (poster)**  
Publication: Research › Conference abstract in proceedings – Annual report year: 2004

**The SWERA project KAMM-WAsP numerical wind atlases: New challenges and results**  
Publication: Research › Article in proceedings – Annual report year: 2004

**Using satellite SAR in offshore wind resource assessment**  
Publication: Research - peer-review › Article in proceedings – Annual report year: 2004

**Computational methods in wind power meteorology (poster)**  
Publication: Research › Poster – Annual report year: 2003

**Developments in numerical wind atlas methodologies: Capturing diurnal and seasonal cycles**  
Publication: Research › Journal article – Annual report year: 2003

**Developments in numerical wind atlas methodologies: Capturing seasonal and diurnal variations**  
Publication: Research › Article in proceedings – Annual report year: 2003

**Low-dimensional modeling of a driven cavity flow with two free parameters**  
Publication: Research - peer-review › Journal article – Annual report year: 2003
Satellite-based wind maps - are they useful for siting of offshore wind farms
Publication: Research › Article in proceedings – Annual report year: 2003

Satellite-based wind maps as guidance for siting offshore wind farms
Publication: Research - peer-review › Journal article – Annual report year: 2004

Tensor formulation of the model equations on strong conservation form for an incompressible flow in general coordinates
Publication: Research - peer-review › Report – Annual report year: 2003

The horizontally homogeneous model equations of incompressible atmospheric flow in general orthogonal coordinates
Publication: Research - peer-review › Report – Annual report year: 2003

Wind resource estimation - an overview
Publication: Research - peer-review › Journal article – Annual report year: 2003

Wind resource estimation - on timescales from 12 hours to 30 years
Publication: Research - peer-review › Book chapter – Annual report year: 2003

Developments in mesoscale modelling and SAR imaging of offshore wind maps
Publication: Research › Article in proceedings – Annual report year: 2002

Off-shore wind fields obtained from mesoscale modeling and satellite SAR images
Publication: Research › Article in proceedings – Annual report year: 2002

State-of-the-art: Wind resource, prediction and forecasting
Publication: Research › Article in proceedings – Annual report year: 2002

Wind estimates at the Norwegian west coast from modelling, in situ and satellite observations
Publication: Research › Journal article – Annual report year: 2002

Wind resource estimation - from local to global
Publication: Research › Article in proceedings – Annual report year: 2002

Meso-skala modelling
Publication: Research › Conference abstract for conference – Annual report year: 2001

Satellite images used in offshore wind resource assessment
Publication: Research › Article in proceedings – Annual report year: 2001

Satellite images used in offshore wind resource assessment
Publication: Research › Conference abstract for conference – Annual report year: 2001

Low-dimensional modeling and dynamics of the flow in a lid driven cavity with a rotating rod
Publication: Research › Ph.D. thesis – Annual report year: 2000

Application of POD to PIV images of flow over a wall mounted fence
Publication: Research › Article in proceedings – Annual report year: 1997

Projects:
Simulering og identifikation af strukturer i komplexe fluidstrømninger
Project: PhD