

5. Jensen KH, Berg-Sørensen K, Bruus H, Holbrook NM, Liesche J, Schulz A, Zwieniecki MA, Bohr T (2016) Sap flow and sugar transport in plants. *Reviews of Modern Physics* **88**: 1-63

GRANTS (2013-present)

- Co-PI at the Center for Ocean Life 2012-17 (VKR Centre of Excellence). Around 4 mio in all.
- Research Grant *Long distance sugar transport in trees* 2013-2016 from FNU (Danish Council for Independent research). 300.000 €

SUPERVISION (2013-present)

Postdoc Alexis Duchesne (FR) 2016-2018
PhD Hanna Rademaker (DE) 2013-2016
MSc Julia Dölger (DE) 2013-2014 Anders Riis-Jensen (DK) 2017
Several Internship students from Holland and France

TEACHING ACTIVITIES

1999 – 2018 MSc course: Continuum Physics, 5 ECTS ([10346](#)), 50%
2000 – 2018 BSc course: Electromagnetism for Physicists, 10 ECTS ([10036](#)) DTU, 50%
2016 – 2018 Diploma course: Physics 1, 2.5 ECTS (10933 stopped).
2007 – Arranger of 6 “Physics Evenings” pr. year for all students.

ORGANISATION OF SCIENTIFIC MEETINGS (Co-organizer)

2004 – Summer School: “Complex Motion in Fluids”, Krogerup, Denmark (2004, 2007, 2009, 2011, 2013, 2015 (& 2019 planned)).
2016 Summer School: “Complex Motion in Fluids”, Twente, Holland
2017 Summer School: “Complex Motion in Fluids”, Cambridge, UK
2018 Summer School: “Complex Motion in Fluids”, Normandie, France
On scientific committee for EUFOAM 2018, Dynamics Days Europe 2015, Euromech 2014.

INSTITUTIONAL RESPONSIBILITIES

1999 – 2011 Member of the institute board / section head
2004 – 2012 Administrative head of the “Quantum Protein Centre” (Funded by Danish National Research Foundation).
2006 Head of the Department for half a year

COMMISSIONS OF TRUST

2018 External evaluator (Hceres) of dept. *Matiere et Systemes Complexes* (MSC) of University Paris (7) Diderot, France
2017, 2018 Member of selection committees for professorates at Space-DTU
2003 – 2015 Member of evaluation committees for Habilitation à Diriger des Recherches (HDR) for C. Clanet (2003), D. Fabre (2012), J. Hoepffner (2015) plus several phd-committees, including J. Mougél (Toulouse 2014) and A. Duchesne (Paris 2014)

MEMBERSHIPS OF SCIENTIFIC SOCIETIES (if applicable)

2006 Co-funder and director of Fluid DTU, based on a grant from the Danish National Research Foundation for visiting professor Hassan Aref.
2006 Elected member of “Kgl. Danske Videnskabernes Selskab” (Royal Danish Academy of Sciences)
2009 Elected Fellow of the American Physical Society (Division of Fluid Dynamics).

MAJOR COLLABORATIONS

Visiting professor one month at Ecole Normale Supérieure, Paris (2003), IRPHE, Université d'Aix-Marseille (2005), MSC-laboratory, Paris 7, Paris (2009). David Fabre and Jerome Mougél, IMFT, Toulouse. Missy Holbrook, Department of Organismic and Evolutionary Biology, Harvard University