

- “Bølge-partikel dualitet på makroskopisk skala”, equipment financed by the Carlsberg Foundation, 2014-2015, PI, total budget: 150.000 DKK.
- “Formation of Shocks on Fluid Surfaces”, equipment financed by Brødrene Hartmanns Fond, 2017, PI, total budget: 87.811 DKK.
- “The physics of microbial feeding: mechanisms and trade-offs”, project financed by The Danish Council for Independent Research, Natural Sciences, 2018-2021, PI Professor Thomas Kiørboe (DTU Aqua), total budget: 5.821.983 DKK, co-PI, budget: 1.945.359 DKK.
- “High-speed camera for explorations of complex fluid flows”, equipment financed by the Carlsberg Foundation, 2018, PI, total budget: 206.000 DKK.

SUPERVISION (2013-present)

Postdoc	Dr. Lasse Tor Nielsen (DK) 2013-2018, co-supervisor Dr. Alexis Duchesne (FR) 2016-2018, co-supervisor Dr. Julia Dölger (DE) 2017-2018, principal supervisor
PhD	Mr. Navish Wadhwa (IN) 2012-2015, principal supervisor Ms. Julia Dölger (DE) 2014-2017, principal supervisor Mr. Mads Rode (DK) 2018-2021, principal supervisor
MSc	Ms. Sei Suzuki (CA) 2018-2022, co-supervisor Mr. Mads Rode (DK) 2016, principal supervisor Mr. Ali Bioue (DK) 2019-2020, principal supervisor

TEACHING ACTIVITIES

2006 –	MSc course: Continuum Physics, 5 ECTS (10346), main responsible
2013 –	MSc course: Theoretical Microfluidics, 5 ECTS (10337), main responsible
2014	MSc course: Fundamental Problems in Fluid Dynamics, 5 ECTS (10336), co-responsible
2007 –	BSc course: Experimental Methods and Instrumentation in Physics, 5 ECTS (10467), co-responsible 2007-2014 and main responsible since 2015
2006 – 2007	BSc course: Physics 1, 5 ECTS (10931), main responsible
2010 – 2013	BSc course: Physics 2, 5 ECTS (10044), main responsible

INSTITUTIONAL RESPONSIBILITIES

2006 – 2011	Co-organizer of the monthly general physics colloquium series at the Department of Physics, Technical University of Denmark
2014 – 2015	Coordinator and co-organizer of more than 30 seminars in the Fluid DTU seminar series for the fluid dynamics community at the Technical University of Denmark

COMMISSIONS OF TRUST

- Reviewer for Physical Review Letters, Physical Review E, Physical Review Fluids, Journal of Fluid Mechanics, Physics of Fluids, Experiments in Fluids, Proceedings of the National Academy of Sciences USA, and Journal of the Royal Society Interface.

MEMBERSHIPS OF SCIENTIFIC SOCIETIES

2001 –	Member of the American Physical Society, United States of America
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MAJOR COLLABORATIONS

- Professor Tomas Bohr, fluid dynamics, Department of Physics, Technical University of Denmark
- Professor Thomas Kiørboe, plankton hydrodynamics, DTU Aqua and Centre for Ocean Life
- Professor Jens H. Walther, computational fluid dynamics, Department of Mechanical Engineering, Technical University of Denmark and ETH Zürich, Switzerland
- Associate Professor Marco Polin, plankton hydrodynamics, University of Warwick, UK