# David Schlipf

Research Professor
& Founder


December 5, 1980

Birkenhof 78d, 24944 Flensburg, Germany

+49 461 48161 443

https://hs-flensburg.de/hochschule/personen/schlipf

David.Schlipf@hs-flensburg.de


## Social Network

LinkedIn Link

ORCID Link

Github Link

## Languages

German ●●●●●

English ●●●●●

Spanish ●●●●○

Portuguese ●●●○○

Japanese ●○○○○

## About Me

David enjoys working as control engineer for renewable energies. As research professor at the Flensburg University of Applied Science and head of lidar services at sowento, he is focusing on keeping teaching and research relevant as well as transferring innovations to industry. David is a world leading expert in the field of lidar-assisted control. He has a profound knowledge on the industry standard of wind turbine control and contributed to advance the control-oriented modeling and controller design of floating wind turbines.

## Working Experience

09/2018 – present **Research Professor** Flensburg University of Applied Sciences, Germany
Research in wind turbine control and in wind lidar technology.

01/2017 – present **Founder of startup** sowento GmbH, Germany
Head of Lidar Service, now working as freelancer in part-time.

01/2013 – 08/2018 **Research Group Leader** University of Stuttgart, Germany
Mentoring PhD students and acquisition of third-party funding.

01/2008 – 12/2012 **Research Associate** University of Stuttgart, Germany
Teaching and participation in research projects.

## Education and Research Stays

03/2023 – 05/2023 **Visiting Researcher** University of Tokyo, Japan
Research in control of floating offshore wind turbines.

10/2014 – 09/2015 **Postdoctoral Researcher** National Renewable Energy Laboratory, USA
Wind turbine control research with University of Colorado Boulder.

01/2008 – 09/2014 **PhD in Wind Energy (Dr.-Ing.)** University of Stuttgart, Germany
Topic "Lidar-assisted Control Concepts for Wind Turbines"

06/2005 – 05/2006 **Studies Abroad** Universidade Federal do Rio Grande do Sul, Brazil
Mid-study thesis, lectures in chemical engineering, politics and informatics.

10/2001 – 09/2007 **Engineering Cybernetics (Dipl.-Ing.)** University of Stuttgart, Germany
Specialization in Energy Systems, Final grade Diploma: 1.4 (excellent).

## Awards and Scholarships

2016 PhD thesis awarded with "summa cum laude",
Price of Otto F. Scharr Foundation for Energy Technology,
EAWE Excellent Young Wind Doctor Award.

2014 Funding of a seminar lecturer at the University of Auckland by the DAAD.

2005 Scholarship of the Baden-Württemberg-Stipendium for studies abroad.

2004 Engineering Cybernetics Alumni Award 2004 for organizing the lecture series "Opportunities and risks of the technological progress".

## Memberships

since 2020 Editor of Wind Energy Journal

since 2017 Treasurer of the European Academy of Wind Energy (eawe)

since 2016 Operating Agent Representative of the IEA Wind Task 32 and 52 on Lidar

## Publications

Publication list available at Web of Science, Scobus, Google Scholar, University website.