

DANISH CENTER FOR APPLIED MATHEMATICS AND MECHANICS

ANNUAL REPORT 2023



**TECHNICAL UNIVERSITY OF DENMARK -
AALBORG UNIVERSITY - AARHUS UNIVERSITY –
UNIVERSITY OF SOUTHERN DENMARK**

DANISH CENTER FOR APPLIED MATHEMATICS AND MECHANICS

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Sine Leergaard Wiggers	Dept. of Mechanical and Electrical Engineering, SDU

Chairman

Associate Professor Jan Becker Høgsberg

Department of Civil and Mechanical Engineering, Solid Mechanics.

Koppels Allé, Building 404

Technical University of Denmark

2800 Kgs. Lyngby, Denmark – jbh@dtu.dk

FOREWORD

This annual report is for the year 2023. The purpose of the report is mainly to serve as a reference and documentation for accomplished activities. Detailed information is available on our homepage: www.dcammm.dk and on the homepages of the cooperating departments and universities.

In 2023 the annual speaker seminar was given by professor Basile Audoly from Institut Polytechnique de Paris, France under the title “One-dimensional models for highly deformable elastic rods”.

Furthermore, a total of 7 DCAMM seminars were held in 2023 and 10 courses were given in the auspices of DCAMM. All the details are available at the DCAMM webpage.

As of January 1st 2024, the departments cooperating in DCAMM are:

from the **Technical University of Denmark**:

Department of Civil and Mechanical Engineering

Department of Applied Mathematics and Computer Science

Department of Wind and Energy Systems

from **Aalborg University**:

Department of the Built Environment (BUILD)

Department of Materials and Production

Department of Mathematical Sciences

from **Aarhus University**

Department of Civil and Architectural Engineering

Department of Mechanical and Production Engineering

from **University of Southern Denmark**

Department of Mechanical and Electrical Engineering

I thank all the members of DCAMM and our international contacts for their support and inspiration. From 1st April 2024 DCAMM has a new chairman - Associate Professor Jan Becker Høgsberg. We look forward to continuing fruitful collaboration.

Niels Leergaard Pedersen

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1. MEMBERS 2023

65 professors	}	at the nine cooperating departments of DCAMM
329 scientific members		
156 PhD students		

30 elected members
3 foreign members

(A complete list of names is given in the Appendix).

2. FOREIGN MEMBERS

Professor John W. Hutchinson
Division of Applied Sciences
Harvard University, 315 Pierce Hall
29 Oxford St.
Cambridge, MA 02138
USA

Professor Ole Secher Madsen
Ralph M. Parsons Laboratory
Massachusetts Institute of Technology
Cambridge, MA 02139
USA

Professor Alan Needleman
Department of Materials Science & Engng.
Texas A&M University 3003
College Station
TX 77843-3003
USA

3. GUESTS FOR EXTENDED PERIODS IN 2023 (more than a fortnight)

Guest professors & post docs:

Aksel, Mural, Alanya Alaaaddin Keykubat University, Turkey, 1.7.23 – 30.6.24

Allexandre, Florine, France, 22.4.23 – 31.7.23

Alvarez, Antonia Pacios, Univers. Politec. De Madrid, Spain, 7.8.23 – 6.9.23

Barthelmie, Rebecca, Cornell University, USA, 24.6.23 – 31.8.23

Canli, Eyüb, Selcuk University, Turkey, 1.7.23 – 1.7.24

De Neufville, Richard Lawrence, MIT, USA, 18.8.23 – 3.9.23

De Souza, Vitor Miranda, Technical University of Munich, Germany, 18.5.23 – 16.6.23

Dines de Almeida, Marisa S.F., Universid. da Beira Interior, Portugal, 30.9.23 -30.10.23

Du, Jianting, First Inst. Of Oceanography, China, 30.8.23 – 31.10.23

Fael, Cristina Maria Sena, Universid.de da Beira Interior, Portugal, 30.9.23 – 30.10.23

Fini, Elham, USA, 18.5.23 – 7.6.23

Hao, Xiaoxia, Sichuan Agricultural University, China, 15.10.23 – 15.7.24

Herbst, Ira, University of Virginia, USA, 13.2 – 28.2.23

Jiang, Shichun, China, 1.11.23 – 28.2.24

Kesgin, Erdal, Istanbul Technical University, Turkey, 17.4.23 – 17.4.24

Kesgin, Remziye Ilayda, Faith Sultan Mehmet Vakif University, Turkey, 1.2.23 – 1.2.24

Li, Ye, Shanghai Jiaotong University, China, 8.10.23 – 7.1.24

Mere, Joaquin Bienvenido Ordieres, Univers. Politec.de Madrid, Spain, 1.5.23 – 30.6.23

Mesbah, Moustafa, Algeria, 1.6.23 – 31.5.24

Ning, Andrew, Bringham Young University, USA, 7.6.23 – 17.7.23

Norato, Julian Andres, University of Connecticut, 1.5.23 – 14.8.23

Peixoto, Margaux, Canada, 8.5.23 – 2.6.23

Pryor, Sara, Conell University, USA, 1.6.23 – 19.8.23

Razavirad, Fatemeh, Research Insti. of Petroleum Industry of Iran (RIPI), Iran, 1.12.23 – 1.2.24

Ren, Mengjia, Kyushu University, Japan, 15.6.23 – 15.8.23

Seidel, Alexander, Technical University of Munich, Germany, 24.8.22 – 24.2.23

Shigemitsu, Ryuji, Taiwan, 1.4.23 – 31.3.24

Stampone, Benedetta, Institute STIIMA, Italy, 5.11.23 – 26.11.23

Soyeux, Dan, Canada, 8.5.23 – 2.6.23

Syltos, Robert, Inst. Of Structural Engineering, Fac. Of Civil Engineering, Technical Uni of Kosice, Slovakia, 1.10.23 – 31.3.24

Szojda, Leszek, Silesian University of Technology, Poland, 2.10.23 – 18.11.23

Topal, Halil Ibrahim, Zenguldak Bülent Ecevit University, Turkey, 1.8.23 – 31.7.24

Wang, Ruizhou, Guangdong University of Technology, China, 1.7.21 -

Wascilczuk, Filip A., Instit.of Fluid Flow Machinery Polish Academy of Scienc., 1.3.23 –

Wilson, Elizabeth, Dept. of Envir.Studies, Dartmouth College, USA, 11.8.22 – 10.8.23

Zhou, Mei, Wuxi Vocational College of Science and Techn., China, 15.6.23 – 10.9.23

PhD students

Aguiar, Marina Fernandes, University of Sao Paulo, Brazil, 5.6.23 – 9.8.23

Akhiani, Amir Reza, Centre of Advanced Materials, Dept. of Mechanical Engineering, Faculty of Engineering, Universiti Malaya, Malaysia, 1.2.23 – 31.10.23

AlGhanemi, Ali Ihsan I., The University of Auckland, New Zealand, 1.4.23 – 1.9.23

An, Wanbo, Dalian University of Technology, China, 1.2.23 – 15.7.24

Anderson, Lasse Borg, NTNU, Norway, 1.9.23 – 13.12.23

Asadi, Reza, Tampere University, Finland, 6.10.23 – 31.12.23

Avetisov, Stepan, France, 1.11.23 – 31.1.24

Avidor, Telem, ECN, France, 8.5.23 – 8.7.23

Castro, Camila Goncalves, University of Sao Paulo, Brazil, 1.3.23 – 29.8.23

Coimbra, Isadora Limas, UPORTO, Portugal, 20.4.23 – 18.7.23

Dreher, Nathali Rolon, University of Campaninas, Brazil, 22.1.23 – 26.3.23

Edze, Paula, Kumasi, Ghana, 4.9.23 – 27.10.23

Frey, Alex Maximilian, Karlsruhe Institute of Technology, Germany, 1.12.23 – 28.2.24

Friemann, Johan, Chalmers University of Technology, Sweden, 26.10.23 – 26.10.26

Ghiradelli, Mauro, Geophysical Inst. University of Bergen, Norway, 13.2.23 – 24.3.23

Hahnemann, Yannis, Germany, 20.2.23 – 24.3.23

Huang, Jingcun, Beijing University, China, 1.1.23 - 30.6.23

Khan, Numan, University of Campania, Italy, 17.9.23 – 15.3.24

Kirkebæk, Bastian Stiem, AAU, 6.2.23 – 31.12.24

Khosravi, Soheil, Sahand University of Technology, Iran, 1.2.23 – 31.1.24

Lima, Fernando Antonio Leite Vieira, Lund University, Sweden, 15.9.23 – 30.7.24

Mode, Paraskevi, National Technical University of Athen, Greece, 15.5.23 – 10.6. & 21.9.23 – 25/10-23

Pablos, Jesús Paredes, FUNDACIÓN TEKNIKER, Spain, 15.3.23 – 15.6.23

Passalacqua, University of Messina, Italy, 1.8.23 – 31.10.23

Ren, Jun, Jiangna University, China, 27.1.23 – 30.8.23

Rocheffort-Beaudoin, Thomas, École Polytechnique Montreal, Canada, 28.8.23 – 22.12.23

Rodriguez, Francisco Javier Canillas, CIEMAT, Spain, 10.8.23 – 9.11.23

Sagar, Awlad Hosen, University of Padov, Italy, 2.10.23 – 18.11.23

Sasanuma, Nanako, Hirosaki University, Japan, 18.8.23 -

Shabankareh, Dept. of Med. Nanotechnology, School of Adv. Technologies in Medicine,
Tehran University of Medial Sciences, Iran, 15.2.22 – 31.12.23

Shen, Chen, School of Transportation, Southeast University, China, 1.2.23 – 1.2.24

Vukovic, Marko, University of Pisa, Italy, 12.4. – 3.5.23

Wang, Xinhui, University of Dublin, Ireland, 1.11.23 – 31.10.24

Yang, Qizhi, Chongqing University, China, 25.10.23 – 25.12.24

Ypsilantis, Konstantinos I., KU Leuven, Belgium, 10.10.23 – 10.2.24

Zhao, Peng, China, 19.3.26 – 19.6.23

4. ACTIVITY AT THE DEPARTMENTS

Risø International Symposium on Materials Science

The Risø International Symposium of Materials Science has been held every year in the first full week of September since 1980. Lately, the symposium has been hosted every second year by DTU Construct on metallic materials inspired subjects and by DTU Wind on composite material inspired subjects, respectively. The symposium takes place in the Niels Bohr Auditorium at DTU Risø Campus and has typically between 50-100 participants. The concept of the symposium is to invite 6-8 top researchers in the field as key-note speakers in addition to normal contributions. In 2023, the title for the 43rd symposium was “Composites for Wind Energy: Manufacturing, Operation and End-of-life and had 50 presentations covering the full life cycle of the composite material used in modern wind turbine blades. Most of the contributions have been published as Web-of-Science indexed publications in the IOP Conference Series: Materials Science and Engineering, Volume 1293, <https://iopscience.iop.org/issue/1757-899X/1293/1>. In addition to the proceeding publications, many of the presentations have been video recorded and can be seen on the home-page for the symposium: <https://wind.dtu.dk/about/symposium-on-materials-science>. The symposium was financially supported by DCAMM, Otto Mønstedts Fond and Knud Højgaards Fond.



43rd Risø International Symposium on Materials Science
4 - 7 September 2023

PhD summer school: CINEMAX VIII

The 8th PhD summer school on 3D imaging and modelling of natural and synthetic materials were held in the last week of August 2023 at the Fuglsang Manor on Lolland in Southern Denmark. The summer school covers the full pipeline from data acquisition through reconstruction and segmentation to modelling based on real 3D data. The main focus is on 3D micro X-ray based data achieved from the DTU Image center. The content of the PhD summer school has been developed in collaboration between the four DTU departments: DTU Energy, DTU Compute, DTU Physics and DTU Wind. A prerequisite for following the summer school is to complete the online Coursera course: CINEMAXe: <https://www.coursera.org/learn/cinemaxe>.

The teaching material and software algorithms used in the course are all open source based on Python using Jupyter Notebooks on the DTU Image center platform: <https://platform.qim.dk/>



5. DCAMM SEMINARS GIVEN IN 2023

Some topics in gradient extended crystal plasticity, damage and oxygen assisted intergranular fracture

by Professor Magnus Ekh

Division of Material and Computational Mechanics: Chalmers University of Technology, Gothenburg, Sweden

held at DTU Civil and Mechanical Engineering 23 February 2023

Abstract:

This presentation will give an overview of activities in the field of gradient-enhanced theories of crystal plasticity. The starting point is a thermodynamically consistent formulation whose aim is to capture the size-dependent behavior of polycrystals. For this formulation, different numerical algorithms to solve the resulting coupled FE problem have been investigated. The boundary conditions for the extended gradient field both at the outer and inner boundaries of a volume element are discussed and the influence of different choices is analyzed.

Furthermore, the model formulation is developed to include damage with the aim to simulate ductile fracture. Numerical results of a single-crystalline metal will be present to show how the damage propagates inside the grain and the interaction with the grain boundary conditions. Finally, a grain boundary model for oxygen-assisted intergranular fracture will be summarized and some results showing its main characteristics will be shown.

Artificial Intelligence for Wind Turbine Condition Monitoring and Structural Health Monitoring

by Professor Yolanda Vidal,

Polytechnical University of Catalonia, Spain

held at SDU, University of Southern Denmark 27 April 2023

Abstract:

To remain competitive, wind turbines (WTs) must be reliable machines with efficient and effective maintenance strategies. Thus, it is of paramount importance that the wind industry moves from corrective and preventive maintenance to the so-called predictive maintenance (scheduled as needed based on the asset condition). On the one hand, this talk addresses WT condition monitoring methodologies based on SCADA data. WTs generate a wealth of SCADA data from a variety of sensors, which can be effectively used to enable fault diagnosis strategies. Data-driven techniques, based on machine or deep learning, are particularly promising in this field. Furthermore, this approach is cost-efficient and readily available as no extra equipment needs to be installed in the wind turbine. On the other hand, this talk addresses the structural health monitoring (SHM) of WTs. The main purpose is to detect, locate, and characterize damage, so that maintenance operations can be performed in due time. The standard SHM approach based on guided waves (where the input excitation is known and imposed to the structure and then the output vibration is measured) cannot be straightforwardly applied as the excitation is not known (wind, waves, currents) neither can be imposed. A new paradigm, a vibration-response-only methodology, is developed that assumes unknown input excitations and that only the vibration response is measurable by means of different sensors.

New avenues in high order fluid dynamics

by Professor Esteban Ferrer

ETSIAE (School of aeronautics) – Univ. Politécnica de Madrid, Spain

held at DTU Compute 16 June 2023

Abstract:

We present the latest developments of our High-Order Spectral Element Solver (HORSES3D), an open source high-order discontinuous Galerkin framework capable of solving a variety of flow applications, including compressible flows (with or without shocks), incompressible flows, various RANS and LES turbulence models, particle dynamics, multiphase flows, and aeroacoustics.

Recent developments allow us to simulate challenging multiphysics including turbulent flows, multiphase and moving bodies, using local h/p-adaptation and multigrid time advancement. In addition, we present recent work that couples Machine Learning techniques and high order simulations.

**Single & Contra Rotating Propellers: A summary of Aerodynamics
Aero-acoustic Models**

by Professor Antonio Filippone

School of Engineering, The University of Manchester, United Kingdom
held at DTU Civil and Mechanical Engineering 22 September 2023

Abstract:

In recent years there has been a resurgence of interest in propeller systems because of their lower environmental impact (higher efficiency), as well as the advent of electrically powered vehicles. This new interest has generated a plethora of new configurations and spurred a development in sophisticated methods of analysis, design, and optimisation.

The seminar is divided in two parts: Single-rotation propellers and rotors, of which we present the basic aerodynamic models (vortex methods, rotor-on-rotor interference, wake models), alongside new configurations such as unequal blade spacing, folding propellers and tiltrotors. In the second part, we discuss contra-rotating propellers, basic aerodynamic and aero acoustic models, and present parametric cases and novel designs, including locked-rotors, and propellers with vanes.

**Bioinspired Flow Field Design with Porous Media Optimization
and Dehomogenization**

by Ercan M. Dede, Ph.D.; Director

Electronics Research Department, Toyota Research Institute North of America, Ann
Arbor, USA

held at DTU, Dept. of Civil and Mechanical Engineering, 25 September 2023

Abstract:

Microchannel reactors are critical in biological plus energy-related applications and require meticulous design of hundreds-to-thousands of fluid flow channels. Such systems commonly comprise intricate space-filling microstructures to control the fluid flow distribution for the reaction process. Traditional flow channel design schemes are heuristic or exploit analytical rule-based optimization strategies that are challenging to adopt for large-scale domains of arbitrary geometry.

A Novel Method of FEM Modeling and Solution without Assembly: Can It Be Possible Part I: Theory and Formulation

by Professor K.C. Park,
Dept. of Ann and H.J. Smead Aerospace Engineering Sciences, University of
Colorado, Boulder, USA
held at DTU Civil and Mechanical Engineering 3 October 2023

Abstract:

A new formulation for the displacement-only partitioned equations of motion for linear structures is presented, which employs: the partitioned displacement and acceleration and applied force ($\mathbf{d}, \ddot{\mathbf{d}}, \mathbf{f}$); the partitioned block diagonal mass and stiffness matrices (\mathbf{M}, \mathbf{K}); and, the coupling projector (\mathbf{P}_d), yielding the partitioned coupled equations of motion:

$$\mathbf{M} \ddot{\mathbf{d}} = \mathbf{P}(\mathbf{f} - \mathbf{K} \mathbf{d})$$

The preceding DP (Displacement-only Partitioned) equations of motion (1) possess two key features. The nonzero frequencies and the static displacements ($\ddot{\mathbf{d}} = 0$) are the same as those obtained by the corresponding assembled FEM equations.

The key element of the proposed DP equations is the coupling projector (\mathbf{P}_d) which can be constructed with the partitioned mass matrix (\mathbf{M}) the Boolean matrix that extracts the partition boundary degrees of freedom (\mathbf{B}) and the assembly matrix (\mathbf{L}_g) relating the assembled displacements (\mathbf{d}_g) to the partitioned displacements (\mathbf{d}) via $\mathbf{d} = \mathbf{L}_g \mathbf{d}_g$.

EUCLID: Efficient Unsupervised Constitutive Law Identification and Discovery

by Professor Dr. Laura De Lorenzis,

Dept. of Mechanical and Processing Engineering, ETH Zürich, Switzerland

held at DTU Civil and Mechanical Engineering 11 October 2023

Abstract:

We propose a new approach for data-driven automated discovery of constitutive laws in continuum mechanics. The approach is unsupervised, i.e., it requires no stress data but only displacement and global force data, which can be realistically obtained from mechanical testing and digital image or volume correlation techniques; it can deliver either interpretable models, i.e., models that are embodied by parsimonious mathematical expressions, or black-box models encoded in artificial neural networks; it is one-shot, i.e. discovery only needs one experiment in principle - but can use more if available. The machine learning tool which enables discovery is sparse regression, leading to the automatic selection of a few relevant entries from a potentially very large model space.

After discussing the basics of the methodology, the talk illustrates its first applications to hyperelasticity, plasticity and viscoelasticity, and its latest extension to generalized standard materials. The latter allows the discovery of the category of material behavior (elastic, viscous, plastic or any combinations thereof) along with discovery and calibration of the specific material model within this category, while guaranteeing by construction material stability and thermodynamic consistency.

6. DCAMM ANNUAL SPEAKER SEMINAR 2023

The DCAMM Annual Seminar Speaker was this year given by Professor Basile Audoly from Institut Polytechnique de Paris, France

One-dimensional models for highly deformable elastic rods

Abstract:

We are interested in identifying effective mathematical models describing the deformations of rods, i.e., cylindrical elastic bodies whose cross-section dimensions are much smaller than their length. Owing to the separation of scales, their equilibrium is governed by ordinary differential equations which are easier to solve than the partial differential equations applicable in 3D elasticity. These equilibrium equations are well-established as long as the strain remains small, i.e., when the cross-sections remain almost undeformed. In this talk, I will discuss the interesting case of soft rods having highly deformable cross-sections. This includes inflated cylindrical rubber balloons, elastic bars made of very soft gels deforming under the action of surface tension, and carpenter's tapes. I will present a method for deriving the one-dimensional equations governing the equilibrium of these highly deformable rods, and will show that they accurately account for the localization phenomena that are ubiquitous in these systems..

7. LIST OF DCAMM S-REPORTS

S1 – S107: Ask for separate book.

S108. JONCQUEZ, SOIZIC ANNICK GABRIELLE: Second-order Forces and Moments acting on Ships in Waves (August 2009)

S109. DÜHRING, MARIA BAYARD: Optimization of acoustic, optical and optoelastic devices (July 2009)

S110. NIELSEN, KIM LAU: Modelling of damage development and ductile failure in welded joints (December 2009)

S111. ESTUPINAN, EDGAR ALBERTO: Feasibility of Applying Controllable Lubrication Techniques to Reciprocating Machines (December 2009)

S112. BANG-MØLLER, CHRISTIAN: Design and Optimization of an Integrated Biomass Gasification and Solid Oxide Fuel Cell System (April 2010)

S113. PEDERSEN, RUNE: Dynamic Modeling of wind Rubine Gearboxes and Experimental Validation (April 2010)

S114. BRIX, WIEBKE: Modelling refrigerant distribution in minichannel evaporators (May 2010)

S115. HUMMELSHØJ, THOMAS STRABO: Mechanisms of metal dusting corrosion (December 2009)

S116. CIPOLLA, LEONARDO: Conversion of MX Nitrides to Modified Z-Phase in 9-12%Cr Ferritic Steels (March 2010)

S117. HAIDER, SAJJAD: Two Stroke diesel Engines for Large Ship Propulsion (January 2011).

S118. VELTE, CLARA: Simulation and control of Wind Turbine Flows using Vortex Generators (February 2009)

S119. ENZ, STEPHANIE: Factors Affecting Coriolis Flowmeter Accuracy, Precision, and Robustness (September 2010)

S120. KJÆRSGAARD-RASMUSSEN, JIMMY: Inside-out electrical capacitance tomography for downhole multiphase flow evaluation (April 2010)

S121. LAJIC, ZORAN: Fault-Tolerant Onboard monitoring and Decision Support Systems (October 2010)

S122. SVENDSEN, MARTIN NYMANN: Wind Turbine Rotors with Active Vibration Control (January 2011)

- S123. CLAUSEN, LASSE RØNGAARD: Design of novel DME/methanol synthesis plants based on gasification of biomass (February 2011)
- S124. SHIN, KEUN WOO: Cavitation simulation on marine propeller (November 2010)
- S125. HAUGAARD, ASGER MARTIN: On Controllable Elastohydrodynamic Fluid Film Bearings (May 2010)
- S126. PEDERSEN, TROELS DYHR: Homogeneous Charge Compression Ignition Combustion of Dimethyl Ether (May 2011)
- S127. GARCÍA, NÉSTOR RAMOS: Quasi-3d aerodynamic code for analysing dynamic flap response (April 2011)
- S128. ZAMBRANO, HARVEY A: Molecular Dynamics Studies of Nanofluidic Devices (May 2011)
- S129. AAGE, NIELS: Topology optimization of radio frequency and microwave structures (April 2011)
- S130. MATZEN, RENÉ: Topology Optimization for Transient Wave Propagation Problems (March 2011)
- S131. ANDREASEN, CASPER SCHOUSBOE: Multiscale topology optimization of solid and fluid structures (May 2011)
- S132. KÆRN, MARTIN RYHL: Analysis of flow maldistribution in fin-and-tube evaporators for residential air-conditioning systems (August 2011)
- S133. BEHRENS, TIM: Simulation of Moving Tailing edge Flaps on a Wind Turbine Blade using a Navier-Stokes based Immersed Boundary Method (July 2011)
- S134. BLASQUES, JOSÉ PEDRO ALBERGARIA AMARAL: Optimal Design of Laminated Composite Beams (August 2011)
- S135. AZIZI, REZA: Multi-scale modelling of composites (September 2011)
- S136. JACOBSEN, NIELS GJØL: A Full Hydro- and Morphodynamic Description of Breaker Bar Development (April 2011)
- S137. MOROSI, STEFANO: From Hybrid to Actively-Controlled Gas Lubricated Bearings – Theory and Experiment (September 2011)
- S138. KÆRGAARD, KASPER: Numerical Modeling of Shoreline Undulations (September 2011)
- S139. BHOWMIK, SUBRATA: Modelling and Control of Magnetorheological Damper: Real-time implementation and experimental verification (October 2011)

- S140. ANDKJÆR, JACOB: Wave Manipulation by Topology Optimization (January 2012)
- S141. MOSLEMIAN, RAMIN: Residual Strength and Fatigue Lifetime of Debond Damaged Sandwich Structures (September 2011)
- S142. HANSEN, SØREN VINTHER: Performance Monitoring of Ships (September 2011)
- S143. HANSEN, NILAS MANDRUP: Interaction between Seabed Soil and Offshore Wind Turbine Foundations (March 2012)
- S144. THOMSEN, KIM: Modeling of dynamically loaded hydrodynamic bearings at low Sommerfeld numbers (March 2012)
- S145. WANG, FENGWEN: Systematic Design of Slow Light Waveguides (August 2012)
- S146. RASMUSSEN, JOHANNES TOPHØJ: Particle Methods in Bluff Body Aerodynamics (October 2011)
- S147. ANDERSEN, SØREN BØGH: Design and Optimization of Gearless Drives using Multi-Physics Approach (September 2012)
- S148. LAHRIRI, SAID: On the Rotor to Stator Contact Dynamics with Impacts and Friction – Theoretical and Experimental Study (November 2012)
- S149. VARELA, ALEJANDRO CERDA: Mechatronics Applied to Fluid Film Bearings: Towards More Efficient Machinery (December 2012)
- S150. SCHLECHTINGEN, MEIK: A Global Condition Monitoring System for Wind Turbines (February 2013)
- S151. SENG, SOPHEAK: Slamming and Whipping Analysis of Ships (December 2012)
- S152. HOSSEINZADEH, ELHAM: Fuel Cell Hydrogen manifold for Lift Trucks (December 2012)
- S153. DIMITROV, NIKOLAY: Structural Reliability of wind Turbine Blades: Design Methods and Evaluation (February 2013)
- S154. RABBANI, ABID: Dynamic Performance of a PEM Fuel Cell System (March 2013)
- S155. LINDBERG, OLE: Multiscale Simulation of Breaking Wave Impacts (March 2012)
- S156. NIELSEN, MARTIN BJERRE: Dynamics of Rigid Bodies and Flexible Beam Structures (September 2013)

- S157. JENSEN, MICHAEL V.: Heat Transfer in Large Two-Stroke Marine Diesel Engines (August 2012)
- S158. TORRY-SMITH, JONAS MØRKEBERG: Designing Mechatronic Products – Achieving Integration by Means of Modelling Dependencies (February 2013)
- S159. POULIOS, KONSTANTINOS: Tribology of A Combined Yaw Bearing and Brake for Wind Turbines (September 2013)
- S160. JØRGENSEN, MARTIN FELIX: Aerodynamic and Mechanical System Modelling (November 2013)
- S161. ROTHUIZEN, ERASMUS DAMGAARD: Hydrogen Fuelling Stations – A Thermodynamic Analysis of Fuelling Hydrogen Vehicles for Personal Transportation (September 2013)
- S162. WÖRÖSCH, MICHAEL: End-to-end requirements management for multiprojects in the construction industry (February 2014)
- S163. BUREAU, EMIL: Experimental Bifurcation Analysis Using contro-Based continuation (January 2014)
- S164. VAJARI, DANIEL ASHOURI: Micromechanical failure in fiber-reinforced composites (March 2014)
- S165. JOHANSEN, AXEL OHRT: Numerical study of evaporators in power plants for improved dynamic flexibility (March 2013)
- S166. ANDERSEN, INGRID MARIE VINCENT: Full Scale Measurements of the Hydro-Elastic Response of Large Container Ships for Decision Support (April 2014)
- S167. GIVERSEN, SØREN: Blast Testing and Modelling of composite Structures (March 2014)
- S168. SAREMI, SINA: Density-Driven Currents and Deposition of Fine Materials (April 2014)
- S169. CERULLO, MICHELE: Computational stress and damage modelling for rolling contact fatigue (September 2014)
- S170. NGUYEN, TUONG-VAN: Modelling, analysis and optimization of energy systems on offshore platforms (October 2014)
- S171. AMINI AFSHAR, MOSTAFA: Towards Predicting the Added Resistance of Slow Ships in Waves (October 2014)
- S172. ANDREASSEN, ERIK: Optimal Design of Porous Materials (January 2015)
- S173. JOHANSEN, VILLADS EGEDE: Structural colours and applications to anodized aluminium surfaces (November 2014)

- S174. BRUUN, HANS PETER LOMHOLT: PLM support to architecture based development – Contribution to computer-supported architecture modelling (January 2015)
- S175. FUGLEDE, NIELS: Kinematics and Dynamics of Roller Chain Drives (July 2014)
- S176. LARSEN, ULRIK: Design and modelling of innovative machinery systems for large ships (October 2014)
- S177. LARSEN, JON STEFFEN: Nonlinear Analysis of Rotors Supported by Air Foil Journal Bearings – Theory & Experiments (February 2015)
- S178. INGVORSEN, KRISTIAN MARK: Investigations of the turbulent swirling flow in a two-stroke marine diesel engine (November 2013)
- S179. ERIKSEN, RASMUS NORMANN: High Strain Rate characterization of Composite materials (March 2014)
- S180. PEDERSEN, BENJAMIN PJEDSTED: Data-driven Vessel Performance Monitoring (June 2014)
- S181. JANAKIRAMAN, SHRAVAN: Fatigue and Wear in Rolling and Sliding Contacts (November 2014)
- S182. CHRISTIANSEN, NIELS HØRBYE: Hybrid Method Simulation of Slender Marine Structures (August 2014)
- S183. PIEROBON, LEONARDO: Novel design methods and control strategies for oil and gas offshore power systems (October 2014)
- S184. DOU, SUGUANG: Gradient-based optimization in nonlinear structural dynamics (April 2015)
- S185. CORDTZ, RASMUS FAURSKOV: The Influence of Fuel Sulfur on the Operation of Large Two-Stroke Marine Diesel Engines (January 2014)
- S186. JEPSEN, ALLAN DAM: ARCHITECTURE DESCRIPTIONS – A contribution to Modeling of Production System Architecture (September 2014)
- S187. OMMEN, TORBEN SCHMIDT: Heat Pumps in CHP Systems. High-efficiency Energy System Utilising Combined Heat and Power and Heat Pumps (April 2015)
- S188. MODI, ANISH: Numerical evaluation of the Kalina cycle for concentrating solar power plants (August 2015)
- S189. ENEMARK, SØREN: Integration of shape Memory Alloys into Low-Damped Rotor-Bearing Systems – Modelling, Uncertainties and Experimental Validation (October 2015)

S190. WRONSKI, JORRIT: Design and Modelling of Small Scale Low Temperature Power Cycles (May 2015)

S191. ANDERSEN, FREDERIK HERLAND: Integrated Analysis of the Scavenging Process in Marine Two-Stroke Diesel Engines (August 2015)

S192. GUOLAUGSSON, TÓMAS VIGNIR: Modelling architectures in multi-product oriented technology development (July 2015)

S193. CHRISTIANSEN, CHRISTIAN KIM: Diesel Engine Tribology (December 2015)

S194. COSTACHE, ANDREI: Anchoring FRP Composite Armor in Flexible Offshore Riser Systems (October 2015)

S195. COUTURIER, PHILIPPE JACQUES: Structural modelling of composite beams with application to wind turbine rotor blades (January 2016)

S196. VÁSQUEZ, FABIÁN GONZALO PIERART: Model-Based Control Design for flexible Rotors Supported by Active Gas Bearings - Theory & Experiment (January 2016)

S197. MAZZUCCO, ANDREA: Tank designs for combined high-pressure gas and solid-state hydrogen storage (January 2016)

S198. HEJLESEN, MADDS MØLHOLM: A high order regularisation method for solving the Poisson equation and selected applications using vortex methods (February 2016)

S199. ÓLAFSSON, ÖLAFUR MAGNÚS: Improved Design Basis of Welded Joints in Seawater (March 2016)

S200. PARSLOV, JAKOB FILIPPSON: Defining Interactions and Interfaces in Engineering Design (March 2016)

S201. FRANDSEN, NIELS MORTEN MARSLEV: Design of advanced materials for linear and nonlinear dynamics (April 2016)

S202. MONTAZERI, NAJMEH: Estimation of waves and ship responses using onboard Measurements (March 2016)

S203. BRODERSEN, MARK LAIER: Damping of Wind turbine tower vibrations (December 2015)

S204. MANCA, MARCELLO: Fracture Characterization of Sandwich Face/Core Interfaces (March 2015)

S205. ANDERSEN, JAKOB BEJBRO: PSS Support for Maritime Technology Ventures: From Exploration to Methodology and Theory (November 2015)

- S206. MOUGAARD, KRESTINE: A framework for conceptualisation of PSS solutions: On network-based development models (January 2016)
- S207. JENSEN, JONAS KJÆR: Industrial heat pumps for high temperature process applications - A numerical study of the ammonia-water hybrid absorption-compression heat pump (December 2015)
- S208. CHRISTIANSEN, RASMUS E.: Topology Optimization for Wave Propagation Problems with Experimental Validation (June 2016)
- S209. NEUMEYER, STEFAN: Macromechanical Parametric Amplification (April 2016)
- S210. MADSEN, STINE SKOV: Dynamic Modeling of Pavements with Application to Deflection Measurements (July 2016)
- S211. SALAZAR, JORGE ANDRÉS GONZÁLEZ: Towards Model-Based Control Design for Flexible Rotors Supported by Active Tilting Pad Bearings - Theory & Equipment (August 2016)
- S212. VOIGT, ANDREAS JAUERNIK: Towards Identification of Rotordynamic Properties for Seals in Multiphase Flow Using Active Magnetic Bearings. Design and Commissioning of a Novel Test Facility (June 2016)
- S213. EL-NAAMAN, SALIM ABDALLAH: Micro-Structural Evolution and Size-Effects in Plastically Deformed Single Crystals - Strain Gradient Continuum Modeling (July 2016)
- S214. CLAUSEN, ANDERS: Topology Optimization for Additive Manufacturing (September 2016)
- S215. RAVN, POUL MARTIN: Coherent Architecture Development as a Basis for Technology Development (December 2015)
- S216. ALEXANDERSEN, JOE: Efficient topology optimisation of multiscale and multiphysics problems (September 2016)
- S217. KONTOS, STAVROS: Robust Numerical Methods for Nonlinear Wave-Structure Interaction in a Moving Frame of Reference (August 2016)
- S218. LYTCHKE-JØRGENSEN, CHRISTOFFER: Design and optimization of flexible multi-generation systems (April 2016)
- S219. CHRISTENSEN, MARTIN EBRO: Applying Robust Design in an Industrial context (August 2015)
- S220. HØGH, JACOB HEROLD: Hybrid Simulation of Composite Structures (January 2016)

S221. NIELSEN, BO BJERREGAARD: Combining Gas Bearing and Smart Material Technologies for Improved Machine Performance Theory and Experiment (July 2016)

S222. OBEIDAT, ANAS: Development of Smoothed Particle Hydrodynamics for flow in Complex Geometries and Application of Open Source Software for the Simulation of Turbulent Flow (June 2014)

S223. REGENER, PELLE BO: Hull-Propeller Interaction and Its Effect on Propeller Cavitation (November 2016)

S224. GÖHLER, SIMON MORITZ: Metric-driven Robust Design – Robustness Quantification of Complex Engineering Systems (February 2017)

S225. LAURIDSEN, JONAS: Control design of Active Magnetic Bearings for Rotors Subjected to Destabilising Seal Forces Theory & Experiment (May 2017)

S226. WESTLYE, FREDRIK REE: Experimental Study of Liquid Fuel Spray Combustion (June 2016)

S227. SIGURJONSSON, HAFTHOR ÆGIR: Modeling and Evaluation of Bioenergy and Agriculture system Integration (January 2016)

S228. LINHARES DA FONSECA, CESAR AUGUSTO LAMPE: A theoretical-experimental study of backup bearings – The pinned vs ball bearing (July 2017)

S229. KERMANI, NASRIN ARJOMAND: Design and prototyping of an ionic liquid piston compressor as a new generation of compressor for hydrogen refueling stations (May 2017)

S230. NØRGAARD, SEBASTIAN ARLUND: Topology optimization and lattice Boltzmann methods (October 2017).

S231. BAJRIĆ-HODŽIĆ, ANELA: Identification of damping from structural vibrations (October 2017)

S233. PEDERSEN, SØREN NYGAARD: Perceptual Robust Design (January 2017)

S234. NELLEMAN, CHRISTOPHER: Micro-structural evolution in plastically deformed crystalline materials (December 2017)

S235. BÜHLER, FABIAN: Energy efficiency in the industry: A study of the methods, potentials and interactions with the energy system (March 2018)

S236. BOORLA, SRINIVAS MURTHY: Zero Variation Manufacturing (ZVM) – A strategy for robust products with zero perceivable variation (January 2018)

S237. MARGALIT, JONATAN: Development of natural seabed forms and their interaction with offshore wind farms (December 2017)

S238. TIDEMANN, LASSE: Cyclic Yielding of Tubular Structures (January 2018)

- S239. KJÆR, LOUISE LAUMANN: Environmental Impacts of Product/Service-Systems – broadening the life cycle assessment methodology (January 2018)
- S240. KLIEM, MATHIAS: Damping of Composite Mast Structures (March 2018)
- S241. SASEENDRAN, VISHNU: Fracture Characterization and Analysis of Debonded Sandwich Composites (December 2017)
- S242. PAGOROPOULOS, ARIS: Product/service systems in the maritime industry – from economic evaluation throughout the life cycle to implementation (September 2017)
- S243. REBOUCAS, GERALDO FRANCISCO DE SOUZA: Vibro – Impact Mechanics. Analytical, Numerical and Experimental Investigations (September 2018)
- S244. LØKKEGAARD, MARTIN: Top-Down Financially Driven Modularization (October 2017)
- S245. LUNDGAARD, CHRISTIAN: Topology Optimization for multiphysics problems: Thermoelectric energy conversion and fluid-structure-interaction (June 2018)
- S246. DAGNÆS-HANSEN, NIKOLAJ A.: Magnetic Bearings for Offshore Flywheel Energy Storage Systems (July 2018)
- S247. JUUL, KRISTIAN JØRGENSEN: Steady-state and self-similar solution techniques in solid mechanics (August 2018)
- S248. SPIETZ, HENRIK JUUL: A Vortex-particle Mesh Method for Large Eddy Simulation of Bluff Body Aerodynamics (June 2018)
- S249. CHOI, JU-HYUCK: Efficient Estimation of Extreme Roll Motion of Ships (October 2018)
- S250. OVERGAARD, HANNIBAL TOXVÆRD: Lubricant Transport across Piston Rings in large Two-Stroke Diesel Engines – Theory and Experiments (September 2018)
- S251. MERONI, ANDREA: Design and Optimization of Turbomachinery for Thermodynamic Cycles Utilizing Low-Temperature Heat Sources (May 2018)
- S252. RODRIGUES, VINIVÍUS PÍCANÇO: “In search of gold”: measuring performance and evaluating potential business benefits of eco-design (July 2018)
- S253. FARSHIDI, ARASH: Disbond Damage in Aircraft Sandwich Structures (January 2019)
- S254. GROEN, JEROEN PETER: Multi-scale design methods for Topology Optimization (December 2018)

S255. BJARKLEV, KRISTIAN: Mode of Action-Based Variation Risk Identification (December 2018)

S256. JENSEN, LASSE SKOVGAARD: Design by Prototypin in Hardware Start-ups (October 2018)

S257. FERRUZZA, DAVIDE: Design of steam generator systems for concentrating solar power plants (October 2018)

S258. MIRSADRAEE, YASAMAN: Development of a Model for Propeller Tip Vortex Cavitation and Analysis of the Radiated Pressure Fluctuations (September 2018)

S259. KARVOUNIS, NIKOLAS: Numerical Simulation of The Hydrodynamic Behavior of the Lubricant Oil Film in Large Two-stroke Marine Diesel Engines (October 2018)

S260. MANOUCHEHR MEHRTASH: Composite Materials for Electrical Transmission Mast Structures (February 2019)

S261. ZÜHLSDORF, BENJAMIN: High-performance heat pump systems. Enhancing performance and range of heat pump systems for industry and district heating (May 2019)

S262. YAACOB, MOHD RUSDY BIN: State-of-the-art laser Doppler systems development for turbulence measurements (June 2019)

S263. HOFFMEYER, DAVID: Damping of Torsional Beam Vibrations (August 2019)

S264. MØLLER, RANDI NØHR: Aerodynamic Stabilit of Long Span Bridges (June 2018)

S265. LUKASSEN, TROELS VESTERGAARD: Constitutive Behavior of Tensile Armor Wires in Unbounded Flexible Pipes (February 2019)

S266. ASADZADEH, SEYED SAEED: Numerical and experimental study of flow in choanoglagellates and choanocytes (August 2019)

S267. GOTFREDSEN, ERIK: Flow Phenomena in Selective Catalytic Reduction Systems used in Large Two-stroke Marine Diesel Engines (November 2018)

S268. MANCINI, ROBERTA: Design and Performance Analysis of Plate Heat Exchangers for Heat Pumps using Pure and Mixed Refrigerants (May 2019)

S269. TOFTEKÆR, JOHAN FREDERIK: Resonant Piezoelectric Shunt Damping of Structures (September 2019)

S270. ANDERSEN, RASMUS GRAU: Advancing Numerical Simulation Tools for Ductile Fracture in Thin metal Plates (February 2020)

S271. BALDASSO, ENRICO: Evaluation of the prospects for waste heat recovery on board liquefied natural gas-fuelled ships (February 2020)

S272. DILGEN, CETIN BATUR: Optimization of multiphysics problems: transient vibroacoustic and thermal-fluid systems (March 2020)

S273. VON OSMANSKI, ALEXANDER SEBASTIAN: Modelling of Gas Foil Bearings Towards Controllable Operation Multi-domain Analysis (April 2020)

S274. PÉREZ, IGNACIO VIDAL: Through-Thickness Damage Timeline of Fiber Composites under Dynamic Loading (April 2020)

S275. RASMUSSEN, JEPPE BRED AHL: Operation and maintenance of product configuration systems in project-based small and medium-sized enterprises (March 2020)

S276. JOHANSEN, NICOLAI FROST-JENSEN: Test Methods for Evaluating Rain Erosion Performance of Wind Turbine Blade Leading Edge Protection Systems (April 2020)

S277. DE PÁDUA PINHEIRO PIERONE, MARINA: Circular Economy Business Modelling: Decoupling value creation from resource consumptions within manufacturing companies (June 2020)

S278. BRØNS, MARIE: Vibration-based Estimation of Bolt Tension (June 2020)

S279. PIEPER, HENRIK: Optimal Integration of District Cooling, Heat Sources and Heat Sinks (December 2019)

S280. MEESENBURG, WIEBKE: Heat pumps supplying district heating and ancillary services for the power system (January 2020)

S281: BUTERA, GIACOMO: Methanol production integrating biomass thermochemical conversion and solid oxide cells (August 2020)

S282: CONLAN-SMITH, CIAN: Aerodynamic and Aeroelastic Shape Optimization of Aircraft Wings (November 2020)

S283: KRAVCHENKO, MARIIA: Sustainability screening as a decision support for early stage circular economy development: Moving the sails of circular economy in the direction of sustainability (November 2020)

S284: HICKS, JACOB BJARKE HANSEN: Development of a high-order potential flow solver for nonlinear wavestructure interaction (December 2020)

S285: KRISTIANSEN, HANSOTTO: Topology optimization of transient problems with frictional contact and finite strain (December 2020)

S286: BERGAMINI, RICCARDO: Development of expeditious process integration methods for retrofit of non-energy-intensive industries (December 2020)

- S287. AKSHØJ, CHRISTOFFER: Implementing modular product architectures in mid-sized companies (January 2021)
- S288. BERTRAM, CHRISTIAN: Variation Management in Project-Based Design: Contribution to a Product Portfolio Manager's Toolbox (January 2021)
- S289. HOLTE, INGRID: Modelling of ductile failure over multiple scales (January 2021)
- S290. KLAHN, MATHIAS: A numerical investigation of irregular water waves and their statistical properties (April 2021)
- S291. HEMMINGSEN, CASPER SCHYTTE: Optimizing Oil Production by Novel Technology Integration – Well Flow Modeling (July 2019)
- S292. SAETTONE, SIMONE: Ship Propulsion Hydrodynamics in Waves (November 2020)
- S293. SVENDSEN, NICKLAS WERGE: Exploring multi-functionality in biologically-inspired design through systematic development of medical equipment supporting corneal transplantation research (March 2021)
- S294. MONCY, AAKASH: Tunelling cracks in composite laminates under planar biaxial strain controlled fatigue loading (April 2021)
- S295. BLUHM, GORE LUKAS: Analysis and optimization of non-linear structures and materials including internal contact (April 2021)
- S296: ANDERSEN, MORTEN NØRGAARD: Stiffness and strength of architected materials (May 2021)
- S297: MOGENSEN, JULIE LYNGGAARD: Modelling of Hydraulic Fracturing (June 2021)
- S298: MAHDAVI, HAMIDREZA: Micromechanical Modeling of Rolling Contact Fatigue (July 2021)
- S299: CRISCUOLO, GENNARO: Two-phase cooling of power electronics: An investigation on flow boiling of refrigerants in narrow channels (July 2021)
- S300: SIGSGAARD, KRISTOFFER VANDRUP: Modularization in Maintenance – A New Paradigm (August 2021)
- S301: SOMLÓ, KINGA: Micromechanics of 3D printed Metals (August 2021)
- S302. XU, YAN: A high-order finite difference method with immersed-boundary treatment for fully nonlinear wave-structure interaction (August 2021)
- S303: CHRISTENSEN, CARSTEN K.F.: Developing Modular Product and Process Architectures in Engineer To Order Companies (August 2021)

S304: MIKKELSEN, HENRIK: Numerical Study of Ship Performance in Calm Water and in Waves (December 2021)

S305: KHALID, WAQAS: Concurrent optimisation of a maintenance management process (October 2021)

S306: SABBADIN, PIETRO: Mode-III fracture characterization of composites (September 2020)

S307: GEISELHART, MATTHIAS: Design for manufacturing and characterization of small-scale turbomachinery impellers (August 2021)

S308: HANSEN, CAMILLA ARNDT: Designing by Prototyping: Strategic support for prototype-driven product development (November 2021)

S309: ZHANG, MIN: Large eddy simulation of soot formation and oxidation under engine-like conditions (December 2021)

S310: SALGADO FUENTES, VALENTIN: Design, modelling and simulation of compact ammonia chiller and heat pump units (January 2022)

S311: MÜLLER, GEORG OTTO: Modular Commissioning of Complex Products (January 2022)

S312: NERENST, TIM BRIX: A Coherent Approach to Virtual Assessments of Structural Robustness (February 2022)

S313: ZHAI, YANYAN: Detailed Analyses of Flow in Porous Media and around Cylindrical Structures (February 2022)

S314: IKONOMAKIS, ANGELOS: Sensor Fusion to Drive Vessel Performance (March 2022)

S315: NEMATI, ARASH: Numerical Simulation of Combustion under Marine Engine Like Conditions (April 2022)

S316: GANI, MICHAEL: Multi-Physics Modelling of Wet Seals in Two-Phase Flow (June 2022)

S317: QWIST, JESPER ROLAND KJÆRGAARD: Investigation of finite volume methods for free surface flows with focus on the numerical description of the air-water interface (August 2022)

S318: VISHWAKARMA, VISHAL: Investigation of size effects and heterogeneity in ductile failure (August 2022)

S319: VESTERGÅRD, DANIEL: Design-Oriented Nonlinear Modeling of Reinforced Concrete Wall Structures for Numerical Limit State Analysis (September 2022)

S320: CHRISTENSEN, CHRISTIAN OVERGAARD: Monitoring thresholds and output assessment related to in-situ concrete bridge testing (October 2022)

S321: ANDERSEN, MADSE EMIL MØLLER: Rigid-Plastic Modeling of Solid Reinforced Concrete Structures Using Finite Element Limit Analysis (November 2022)

S322: KRISTENSEN, PHILIP KRÆN: hase field methods for fracture – With a special focus on hydrogen assisted fracture (November 2022)

S323: ARCOS, ALEJANDRO LUIS CABALLERO: Finite Element Model updating for Civil Engineering Structures: Applying convex optimization (December 2022)

S324: PAULSEN, THOMAS THOUGAARD: Novel Dynamic Testing & Analysis Techniques for Rotating Machinery – Theory & Experiment (January 2023)

S325: PERNO, MATTEO: Developing, Implementing, and Testing Digital Twins in the Process Industry (January 2023)

S326: ANDERSEN, TOBIAS KONDRUP: Customer Focussed Complexity Management (January 2023)

S327: JOENSEN, BÁRDUR: Wave energy conversion in the Faroe Islands (February 2023)

S328: SEIDENSCHNUR, MIKKI: Common Data Environments to facilitate information management in HVAC engineering (February 2023)

S329: MITTENDORF, MALTE: Data-driven Prediction of Added Resistance on Ships in Waves (February 2023)

S330: BOCCIA, ROSSANA: Exhaust ventilation air heat recovery by means of heat pumps with natural refrigerants (June 23)

S331: CHRIST, JULIAN: 3D printing of bio-based concrete composites for construction (February 2023)

S332: TRÄFF, ERIK ALBERT: Efficient Methods for High Fidelity Topology Optimization (March 2023)

S333: FRIIS, NAJA KASTRUP: Hygrothermal Assessment of Wall Constructions in the Arctic (September 2023)

S334: GOLAHMAR, ALIREZA: Development and appreciation of phase field models for fracture mechanics-based assessment of fatigue life of offshore wind structures in a corrosive environment (May 2023)

S335: HANSEN, KASPER BARSLUND: Effective Maintenance: A Configuration Approach (June 2023)

S336: HØGHØJ, LUKAS CHRISTIAN: Topology Optimization of Structures with Heat and Mass Transfer (June 2023)

S337: XIANG, YUTONG: Large pit thermal energy storage for solar district heating plant (June 2023)

S338: CHENG, CHONG: Simulation and experimental investigation of methanol and ammonia/nheptane fuel combustion process in compression-ignition engines (May 2023)

S339: KÜCÜKAVCI, ALI: Facilitating HVAC Rightsizing and Compliance Checking

S340: SIFANOIS, IOANNIS: Investigations of pit thermal energy storages in district heating systems.

S341: TAMMONE, CARLOTTA: Facilitating HVAC Rightsizing and Compliance Checking

S342: ALBERDI-PAGOLA, PABLO: Mechanical Testing and Modelling of Oil & Gas Well Cement Sheaths

S343: GRØNBORG, FREDERIK: Polymer-Based Materials: Expanding properties through Parts, Processes, and Materials

S344: KOFLER, RENÉ: Producing marine transport fuels from residual biomass and renewable electricity

S345: AGERGAARD, JULIE KROGH: Unleashing the Power of Existing Maintenance Data: A Systematic Improvement of Practice

S346: MOUNET, RAPHAËL E.G.: Sea state estimation based on measurements from multiple observation platforms

S347: SARANCIC, DAVID: Early-stage design of Product-Service Systems (PSS) for sustainability: Framing a generic process for capital goods manufacturing companies.

S348: TONG, CHAO: A high-order adaptive harmonic polynomial cell method with immersed boundaries for weakly/fully nonlinear wave-structure interaction simulations

S349: GE, JINGRUI: Developing Adaptable and End-to-end Performance Measurement in Maintenance

S350: ZHENG, XIAOSHENG: Experimental analysis of non-saturated two-phase heat transfer in plate heat exchangers for organic

8. OTHER THESES

AMARLOO, ALI: “Data-Driven RANS Modelling and Prediction of Turbulent Flows”, Aarhus University, Department of Mechanical and Production Engineering, 2023, PhD Thesis.

ARINBJARNAR, ULFAR: “Micro forming tribology for robust production”, DTU Construct, 2023, PhD Thesis.

CARDENAS DEL RIO, DANIEL: “Design of metal powders for 3D printing”, DTU Construct, 2023, PhD Thesis.

CHRISTENSEN, SIMON SØNDERGAARD: “User-Centered Modelling and Design of Assistive Exoskeletons”, Aalborg University, Department of Materials and Production, 2023, PhD Thesis.

ELKJÆR HØEG, CHRISTIAN: “Nonlinear stochastic dynamics and control of floating offshore wind turbines”, Aalborg University, Dept. of Civil and Architectural Engineering, 2023, PhD Thesis.

FARHADIYADKURI, FARHAD: “Development of Robotic Brace for AIS Treatment: Interaction Dynamics and Control”, Aarhus University, Department of Mechanical and Production Engineering, 2023, PhD Thesis.

FREMMELEV, MADSE ANKER: “Detection, Monitoring, and Simulation of Progressive Damage in Wind Turbine Blades”, DTU Wind and Energy Systems, 2023, PhD Thesis.

GLISIC, MARIJA: “Guiding production planning to improve manufacturing process inventory data collection and modelling”, Aarhus University, Department of Mechanical and Production Engineering, 2023, PhD Thesis.

HENRIKSEN, NIKOLAJ GERSAGER: “Influence of microstructure and processing on the corrosion resistance of medical device”, DTU Construct, 2023, PhD Thesis.

JACOBSEN, LASSE: “Optimized slip resistance in work footwear as a measure against falling and slipping accidents”, DTU Construct, 2023, PhD Thesis.

KAIN, MARTIN FLØGSTAD: “Industry 4.0 Digital Technologies for High Added Value Zero Defect Manufacturing”, DTU Construct, 2023, PhD Thesis.

KVIST JENSEN, JENS SØNDERVINDGAB: “Investigation of three-body abrasive sand wear in submersible pumps”, Aarhus University, Department of Mechanical and Production Engineering, 2023, PhD Thesis.

LIEW, JAIME YIKON: “Dynamic modelling of wind farms for closed-loop control”, DTU Wind and Energy Systems, 2023, PhD Thesis.

LIU, QIONG: “Concrete abrasion in hydraulic structures”, Aalborg University, Dept. of Civil and Architectural Engineering, 2023, PhD Thesis.

LIU, XIYUAN: “MEMS Micro-coils for Magnetic Stimulation of Brain Tissue”, DTU Construct, 2023, PhD Thesis.

MA, LI: “Atomic insights into the abrasive wear mechanisms of mono- and multi-layer coatings at the single asperity level”, Aarhus University, Department of Mechanical and Production Engineering, 2023, PhD Thesis.

MOALEMI, AREFHOSSEIN: “Slamming load variability for offshore wind monopiles”, DTU Wind and Energy Systems, 2023, PhD Thesis.

MOLLAH, MD. TUSHER: “Computational Fluid Dynamics Modelling and Experimental Analysis of Material Extrusion Additive Manufacturing”, DTU Construct, 2023, PhD Thesis.

NZULUMIKE, ACHEBE NIELS OLSEN: “Fibrin formation and morphologies at biomaterial interfaces”, DTU Construct, 2023, PhD Thesis.

PEDERSEN, TIM TØRNES: “Decision support for renewable energy integration through exploration of near-optimal solutions”, Aarhus University, Department of Mechanical and Production Engineering, 2023, PhD Thesis.

RAHBK, LASSE WEYERGANG: “Holistic conceptual design tool for structural layout in the initial design phase”, Aalborg University, Dept. of Civil and Architectural Engineering, 2023, PhD Thesis.

RINCÓN, MARIO JAVIER: “Robust Optimisation of Ultrasonic Flow Meters by Computational Fluid Dynamics and Enhanced Turbulence Modelling”, Aarhus University, Department of Mechanical and Production Engineering, 2023, PhD Thesis.

SAWWDABADI, KOMEIL: “Optimization of Injection Molded Parts Using Production Data and Simulation”, DTU Construct, 2023, PhD Thesis.

WANG, BIN: “Polyspectral Tomographic Volumetric Printing”, DTU Construct, 2023, PhD Thesis.

WAAFI, AFFAN KAYSA: “Sub-micrometer 3D Printing with 3D Ice Lithography”, DTU Construct, 2023, PhD Thesis.

WERNER, KONSTANTIN VICTOR: “Influence of microstructure and processing on the corrosion resistance of medical device”, DTU Construct, 2023, PhD Thesis.

YANG, XINGYU: “Towards Physical Interaction Control of Collaborative Industrial Robots Augmented with Scientific Machine Learning for SME Productions”, Aarhus University, Department of Mechanical and Production Engineering, 2023, PhD Thesis.

YANG, YUJIE: “Computational modeling of urban heat island and building energy with innovative outer building materials”, Aalborg University, Dept. of Civil and Architectural Engineering, 2023, PhD Thesis.

ZWICKLER, MAXIMILIAN FELIX ROMAN: “Contact mechanics in metal forming tool-workpiece interfaces with and without lubrication”, DTU Construct, 2023, PhD Thesis.

9. DCAMM COURSES GIVEN IN 2023

DTU Construct

High Performance Computing: FORTRAN, OpenMP and MPI
 Advanced Engineering Thermodynamics
 Topology Optimization – Theory, Methods and Application
 Electron Microscopy and Analysis for Materials Research
 PhD course on application of x-ray diffraction in materials science
 Nanotribology: Theory and applications
 Measurement uncertainty estimation using statistical methods

PhD Summer School – Non-Equilibrium Turbulences and Cascade Dynamic

DTU Compute

ESGI-177, European Study Group with Industri

DTU Wind and Energy Systems

Advanced finite element simulations using Abaqus
 CINEMAX: 3D Modelling and Imaging of Material Mcrostructures – PhD Summer School

Coursera Online course: Introduction to advanced tomography

APPENDIX: List of members 2023

Abbreviations:

from Technical University of Denmark

COMPUTE: Dept. of Applied Mathematics and Computer Science
 CONSTRUCT: Dept. of Civil and Mechanical Engineering
 WIND: Dept. of Wind and Energy Systems

from Aalborg University

BUILD, AAU: Dept. of the Built Environment
 MATH, AAU: Dept. of Mathematical Sciences
 MECH, AAU: Dept. of Materials and Production

from Aarhus University

CAE, AU: Dept. of Civil and Architectural Engineering
 MPE, AU: Dept. of Mechanical and Production Engineering

from University of Southern Denmark

SDU-ME: Dept. of Mechanical and Electrical Engineering

Abbiati, Giuseppe	(CAE, AU)	Assistant Professor
Abdolmaleki, Mohammad	(CONSTRUCT)	Research Assistant
Abkar, Mahdi	(MPE, AU)	Associate Professor
Abolmaali, Ali Mostafazade	(CONSTRUCT)	Postdoc
Abrahamsen, Asger	(WIND)	Senior Researcher
Adhikari, Debabrata	(CONSTRUCT)	Postdoc
Aghababaei, Ramin	(MPE, AU)	Associate Professor
Aimon, Arhimny Hasdi	(CONSTRUCT)	PhD student
Alberdi Pagola, Pablo	(CONSTRUCT)	Research Assistant
Alexandersen, Joe	(SDU-ME)	Associate Professor
Al-Hagri, Ammar Mohammad A.	(CONSTRUCT)	Industrial PhD student
Ali, Basit	(CONSTRUCT)	PhD student
Ali, Khurshed	(COMPUTE)	Postdoc
Alibrandi, Umberto	(CAE, AU)	Associate Professor
Aliyar, Sithik	(WIND)	Postdoc
Alting, Leo	(CONSTRUCT)	Professor Emeritus
Amador, Sandro Diod Rescinho	(CONSTRUCT)	Assistant Professor
Ambat, Rajan	(CONSTRUCT)	Professor
Amini-Afshar, Mostafa	(CONSTRUCT)	Senior Researcher
Anand, Gwendoline Annelise E.	(CONSTRUCT)	PhD student
Anastasiadis, Nikolas	(CONSTRUCT)	Research Assistant
Anchondo, Ruben Isaac Erives	(WIND)	Postdoc

Andersen, Lars Vabbersgaard	(CAE AU)	Professor, PhD
Andersen, Martin Pihl	(CONSTRUCT)	PhD student
Andersen, Martin Skovgaard	(COMPUTE)	Associate Professor
Andersen, Michael Skipper	(MECH, AAU)	Associate Professor
Andersen, Mikkel	(MATH, AAU)	Associate Professor
Andersen, Poul	(CONSTRUCT)	Emeritus
Andersen, Sebastian	(CONSTRUCT)	Assistant Professor
Andersen, Søren Juhl	(WIND)	Associate Professor
Andersen, Søren Rindom		Elected member, PhD
Andersson, Mads Lunde	(CONSTRUCT)	PhD student
Andreasen, Casper Schousboe	(CONSTRUCT)	Associate Professor
Andreasen, Jens H.	(MECH, AAU)	Associate Professor, PhD
Andreasen, Mogens Myrup	(CONSTRUCT)	Professor Emeritus
Andresen, Gorm Bruun	(MPE, AU)	Associate Professor
Andrew, Elise Marie	(CONSTRUCT)	PhD student
Andrillo, Tito	(MPE, AU)	Assistant Professor
Apostolidis, Alexandros	(CONSTRUCT)	PhD student
Arabkoohsar, Ahmad	(CONSTRUCT)	Senior Researcher
Ardestani, Alireza Mollaei	(CONSTRUCT)	PhD student
Artemeva, Marina	(CONSTRUCT)	PhD student
Asadzadeh, Seyed Saeed	(CONSTRUCT)	Researcher
Aschmoneit, Fynn Jerome	(MATH, AAU)	Assistant Professor
Bahrebar, Saijad	(CONSTRUCT)	Postdoc
Bai, Shaoping	(MECH, AAU)	Professor
Bak, Brian Lau Verndal	(MECH, AAU)	Associate Professor
Balling, Ole	(MPE, AU)	Aff. Professor
Bangaru, Ashish Kumar	(WIND)	Postdoc
Bartawi, Emad Hasan	(CONSTRUCT)	Postdoc
Basso, Alberto	(CONSTRUCT)	Postdoc
Bay, Niels O.	(CONSTRUCT)	Professor Emeritus
Bayat, Mohamad	(CONSTRUCT)	Assistant Professor
Beelen, Peter	(COMPUTE)	Professor MSO
Bendsøe, Martin		Elected member, Prof. Emeritus, dr. Techn.
Bengtsson, Hjalte	(CONSTRUCT)	PhD student
Berggreen, Christian	(CONSTRUCT)	Professor, Head of Section
Bharathi, Vimal Velusamy	(CONSTRUCT)	PhD student
Bingham, Harry B.	(CONSTRUCT)	Professor
Bisacco, Giuliano	(CONSTRUCT)	Associate Professor
Bitsch, Max Ebstrup	(COMPUTE)	Industrial PhD student
Bjerrgård, Mathias Blicher	(COMPUTE)	Research Assistant
Björnfot, Kent Anders	(CONSTRUCT)	Associate Professor
Blinkenberg, Willads Steen Nørholt	(CONSTRUCT)	PhD student
Bohr, Tomas		Elected member, Professor

Boll, Jens		Elected member
Boncz, Luka Blanka	(CONSTRUCT)	Industrial PhD student
Bonke, Sten	(CONSTRUCT)	Emeritus
Borchersen, Egil	(CONSTRUCT)	Emeritus
Borzabadi Farahani, Ehsan	(WIND)	Postdoc
Brander, David	(COMPUTE)	Associate Professor
Brander, Marco	(CONSTRUCT)	PhD student
Brandt, Anders	(MPE, AU)	Professor, Head of Department
Branner, Kim	(WIND)	Senior Researcher
Bredmose, Henrik	(WIND)	Professor
Broberg, Peter Hede	(MECH, AAU)	PhD student
Bræstrup, M. W.		Elected member, PhD
Bräuner, Lars	(MPE, AU)	Associate Professor
Brøns, Marie	(CONSTRUCT)	Postdoc
Brøns, Morten	(COMPUTE)	Professor, PhD, Head of Section
Budden, Christian Leslie	(CONSTRUCT)	PhD student
Budzik, Michal	(MPE, AU)	Associate Professor
Buhl, Thomas		Elected member, Professor
Caglio, Luigi	(CONSTRUCT)	PhD student
Calaon, Matteo	(CONSTRUCT)	Senior Researcher
Caramaschi, Matteo	(CONSTRUCT)	Industrial PhD student
Carstensen, Stefan	(CONSTRUCT)	Associate Professor
Cavichiolo, Louis Sadowski	(CONSTRUCT)	Industrial PhD student
Cederkvist, Jan		Elected member, PhD.
Chang, Bingdong	(CONSTRUCT)	Postdoc
Chen, Guoxing	(CAE, AU)	Postdoc
Chen, Limin	(CONSTRUCT)	PhD student
Chen, Tingting	(CONSTRUCT)	PhD student
Chen, Xiao	(WIND)	Associate Professor
Christensen, Carsten Keinicke Fjord	(CONSTRUCT)	Postdoc
Christensen, Christian Overgaard	(BUILD, AAU)	Postdoc
Christensen, Christoffer Fyllgraf	(CONSTRUCT)	PhD student
Christensen, Erik Damgaard	(CONSTRUCT)	Professor, Head of Section
Christensen, Jens Håkon Visbech	(COMPUTE)	PhD student
Christensen, Jørgen Erik	(CONSTRUCT)	Emeritus
Christensen, Ole	(COMPUTE)	Professor, dr.scient.
Christensen, René Bødker	(MATH, AAU)	Assistant Professor
Christensen, Rune Wessel Knaack	(CONSTRUCT)	Research Assistant
Christiansen, Christian Kim		Elected member, PhD.
Christiansen, Jesper De Claville	(MECH, AAU)	Professor
Christiansen, Rasmus Ellebæk	(CONSTRUCT)	Associate Professor
Cigura, Azra	(CONSTRUCT)	Research Assistant
Clausen, Johan Christian	(CAE, AU)	Associate Professor
Clausen, Lasse Røngaard	(CONSTRUCT)	Associate Professor

Colombo, Monika	(MPE, AU)	Tenure Track Assistant Professor
Contaldi, Carmine	(CONSTRUCT)	PhD student
Cornean, Horia	(MATH, AAU)	Professor
Cornelius, Thomas	(BUILD, AAU)	Senior Researcher
D'Arenzo, Guiseppe	(CAE, AU)	Assistant Professor
Da Costa, Daniel Guzzo	(CONSTRUCT)	Postdoc
Damkilde, Lars	(CAE, AU)	Professor
Dammann, Bernd	(COMPUTE)	Associate Professor
Daniel, Enobong Felix	(CONSTRUCT)	Postdoc
Danielak, Anna Halina	(CONSTRUCT)	Postdoc
Danielsen, Hilmar K.	(WIND)	Senior Researcher
Dannemand, Mark	(CONSTRUCT)	Senior Researcher
Dawids, Steen	(CONSTRUCT)	Emeritus
De Chiffre, Leonardo	(CONSTRUCT)	Professor Emeritus
De Freitas, Pedro José	(CONSTRUCT)	Industrial PhD student
De Oliveira, Igor Czemainski	(CONSTRUCT)	PhD student
De Souza, Kleanny Gama Sales	(CONSTRUCT)	PhD student
Dederichs, Anne Simone	(CONSTRUCT)	Associate Professor
Deininger, Michael	(CONSTRUCT)	Associate Professor
Desai, Nishith Babubhai	(CONSTRUCT)	Postdoc
Dicholbar, Antariksh	(WIND)	Postdoc
Didriksen, Simon	(CONSTRUCT)	PhD student
Dimitrov, Nikolai	(WIND)	Senior Researcher
Diord Rescinho Amador, Sandro	(CONSTRUCT)	Assistant Professor
Dominikovic, Dimitri Franjo	(COMPUTE)	Postdoc
Dong, Yiqiu	(COMPUTE)	Associate Professor, PhD
Dragsted, Janne	(CONSTRUCT)	Senior Researcher
Drangsfeldt, Casper Aaskov	(SDU-ME)	PhD student
Drozдов, Aleksey	(MECH, AAU)	Professor
Dubary, Nicolas	(WIND)	Development Engineer
Duran, Myka Mae	(CONSTRUCT)	PhD student
Ebbehøj, Kristian Ladefoged	(CONSTRUCT)	Industrial PhD student
Eberhard, Simon Elias	(CONSTRUCT)	Industrial PhD student
Echevarria, Diego Martinez	(MECH, AAU)	PhD student
Eder, Martin Alexander	(WIND)	Associate Professor
Egelund, Arne	(CONSTRUCT)	Emeritus
Egerup, Arne	(CONSTRUCT)	Emeritus
Eifler, Tobias	(CONSTRUCT)	Associate Professor
Einafshar, Mohammadjavad	(MECH, AAU)	Postdoc
Elmegaard, Brian	(CONSTRUCT)	Professor
Eltard-Larsen, Bjarke	(CONSTRUCT)	Senior Researcher
Endelt, Benny	(MECH, AAU)	Associate Professor
Englmair, Gerald	(CONSTRUCT)	Associate Professor
Engsig-Karup, Allan	(COMPUTE)	Associate Professor

Eriksen, Svante	(MATH, AAU)	Associate Professor
Erlandsson, Anders Christiansen	(CONSTRUCT)	Professor, Head of Section
Evgrafov, Anton	(MATH, AAU)	Associate Professor
Faber, Michael Havbro	(BUILD, AAU)	Professor
Fache, Maxime	(CONSTRUCT)	Research Assistant
Fajstrup, Lisbeth	(MATH, AAU)	Associate Professor
Fan, Jianhua	(CONSTRUCT)	Associate Professor
Felter, Christian Lotz		Elected member, PhD
Ferguson, Ole Villiam	(WIND)	Industrial PhD student
Ferrari, Federico	(CONSTRUCT)	Postdoc
Filonenko, Konstantin	(COMPUTE)	Postdoc
Filsffo, Oliver Tierdad		Elected member
Fiorentini, Massimo	(CAE, AU)	Associate Professor
Fischer, Gregor	(CONSTRUCT)	Associate Professor
Fjerbæk, Esben Visby	(CONSTRUCT)	Industrial PhD student
Fojan, Peter	(MECH, AAU)	Associate Professor
Foorooghi, Porurya	(MPE, AU)	Assistant Professor
Fraisse, Anthony	(WIND)	Head of Section
Frankus, Felix Tristan	(CONSTRUCT)	PhD student
Franza, Andrea	(CAE, AU)	Postdoc
Frederiksen, Andreas	(CONSTRUCT)	PhD student
Fredsøe, Jørgen	(CONSTRUCT)	Professor Emeritus
Frier, Christian	(BUILD, AAU)	Associate Professor, PhD
Fuhrman, David R.	(CONSTRUCT)	Associate Professor
Furbo, Simon	(CONSTRUCT)	Associate Professor
Fæster, Søren	(WIND)	Senior Researcher
Föhring, Leonie	(SDU-ME)	PhD student
Førby, Niels Langballe	(CONSTRUCT)	PhD student
Gay, Irene Campo	(CONSTRUCT)	PhD student
Ge, Jingrui	(CONSTRUCT)	PhD student
Geiselhart, Matthias	(CONSTRUCT)	Postdoc
Georgakis, Christos T.	(ENG, AU)	Professor
Ghafurin, Mohammad Mustafa	(CONSTRUCT)	Postdoc
Ghidoni, Enrico	(CONSTRUCT)	Industrial PhD student
Gimsing, Niels Jørgen	(CONSTRUCT)	Professor Emeritus
Giuliani, Luisa	(CONSTRUCT)	Associate Professor
Glavind, Sebastian Tølbøll	(BUILD, AAU)	Postdoc
Glud, Jens		Elected member
Gnilke, Oliver Wilhelm	(MATH, AAU)	Associate Professor
Golshani, Vahid	(WIND)	PhD student
Goltermann, Per	(CONSTRUCT)	Professor
Gomes, Giovana Monteiro	(CONSTRUCT)	Postdoc
Gourevitch, Leonid	(MECH, AAU)	Associate Professor
Graeme, Keith		Elected member

Gravesen, Jens	(COMPUTE)	Associate Professor, dr.phil
Greiner, Martin	(MPE, AU)	Professor
Grinderslev, Christian	(WIND)	Postdoc
Groselle, Riccardo	(MECH, AAU)	PhD student
Grüner, Magnus Felix	(CONSTRUCT)	Industrial PhD student
Gunneskov, Ole		Elected member, PhD.
Guo, Yi	(WIND)	Head of Section
Gupta, Kapil Kumar	(CONSTRUCT)	Postdoc
Göral, Koray Deniz	(CONSTRUCT)	PhD student
Haglund, Fredrik	(CONSTRUCT)	Associate Professor
Hald, John	(CONSTRUCT)	Professor
Halding, Philip Skov	(CONSTRUCT)	Assistant Professor
Han, Anpan	(CONSTRUCT)	Senior Researcher
Hanne Van der Loo, Imke Gerrie	(CONSTRUCT)	PhD student
Hansen, Hans Nørgaard	(CME-ADM)	Professor, dr. techn, Head of Dept.
Hansen, Martin Otto Laver	(WIND)	Associate Professor
Hansen, Per Chr.	(COMPUTE)	Professor, dr. techn.
Harz, Benjamin Arnold Krekeler	(CONSTRUCT)	PhD student
Hasannasabjaldehbakhani, Marzieh	(COMPUTE)	Assistant Professor
Hasany, Masoud	(CONSTRUCT)	Postdoc
Haselbach, Philip Ulrich	(WIND)	Researcher
Hasen, Morten Hartvig	(SDU-ME)	Professor
Hassing, Henrik		Elected member, PhD
Hattel, Jesper Henri	(CONSTRUCT)	Professor, Head of Section
Heide-Jørgensen, Simon		Elected member
Henriksen, Christian	(COMPUTE)	Associate Professor, PhD
Hermansen, Sebastian Malte	(MECH, AAU)	PhD student
Herz, Kristian	(CONSTRUCT)	Professor Emeritus
Hjorth, Poul	(COMPUTE)	Associate Professor, PhD
Hoang, Cao Linh	(CONSTRUCT)	Professor
Hoffmeyer, David		Elected member, PhD
Holm, Markus Tandrup	(CONSTRUCT)	Research Assistant
Hong, Kepeng	(CONSTRUCT)	PhD student
Horn, Alexander	(CONSTRUCT)	PhD student
Huang, Tao	(COMPUTE)	Postdoc
Hussan, Zuffain	(CONSTRUCT)	PhD student
Hvam, Lars	(CONSTRUCT)	Professor
Hviid, Christian Anker	(CONSTRUCT)	Associate Professor
Høghøj, Lukas Christian	(CONSTRUCT)	Postdoc
Høgsberg, Jan Becker	(CONSTRUCT)	Associate Professor
Højsgaard, Søren	(MATH, AAU)	Associate Professor, Head of Dept.
Ibsen, Lars Bo	(BUILD, AAU)	Professor, PhD
Iori, Jenna	(WIND)	PhD student
Irissappane, Vijayasankar	(SDU-ME)	Industrial PhD student

Isiklar, Göktug	(CONSTRUCT)	PhD student
Islam, Aminul	(CONSTRUCT)	Associate Professor
Ivarsson, Anders	(CONSTRUCT)	Associate Professor
Jakobsen, Christian Sidelmann		Elected member, R&D Engineer
Jayakumar, Dhivakaran	(CONSTRUCT)	Research Assistant
Jellesen, Morten Stendahl	(CONSTRUCT)	Associate Professor
Jensen, Adam Rasmus	(CONSTRUCT)	Postdoc
Jensen, Dorte Juul	(CONSTRUCT)	Professor
Jensen, Henrik Myhre	(MPE, AU)	Professor
Jensen, Janus Walentin	(CONSTRUCT)	Research Assistant
Jensen, Jonas Kjær	(CONSTRUCT)	Associate Professor
Jensen, Jørgen Juncher	(CONSTRUCT)	Professor Emeritus, dr. techn.
Jensen, Kenneth Mahagam	(CONSTRUCT)	PhD student
Jensen, Lars Rosgaard	(MECH, AAU)	Associate Professor
Jensen, Peter Dørffler Ladegaard	(CONSTRUCT)	PhD student
Jensen, Simon Mosbjerg	(MECH, AAU)	Postdoc
Jespersen, Christian Brunbjerg	(CONSTRUCT)	PhD student
Jespersen, Kristine Munk	(WIND)	Postdoc
Jin, Peng	(CONSTRUCT)	PhD student
Johansen, Karsten Wincher	(CONSTRUCT)	PhD student
Jokisch, Beñat Martinez de Aguirre	(CONSTRUCT)	PhD student
Jung, Seunghyeon	(CAE, AU)	Postdoc
Jung, Yun Sub	(MECH, AAU)	PhD student
Junker, Rune Grønborg	(COMPUTE)	Assistant Professor
Juul-Nyholm, Herle Kjemtrup	(CONSTRUCT)	PhD student
Jönsson, Jeppe	(CONSTRUCT)	Professor
Jørgensen, Jakob Sauer	(COMPUTE)	Senior Researcher
Jørgensen, Jens Grandjean		Elected member, PhD
Jørgensen, Jesper Kjær	(WIND)	PhD student
Jørgensen, John Bagterp	(COMPUTE)	Associate Professor
Kabel, Thomas	(CAE, AU)	Postdoc
Kanbur, Baris Burak	(CONSTRUCT)	Postdoc
Karamehmedovic, Mirza	(COMPUTE)	Associate Professor
Karlshøj, Jan	(CONSTRUCT)	Associate Prof., Head of Section
Karupppasamy, Subburaj	(MPE, AU)	Associate Professor
Kaschube, Deborah	(SDU-ME)	PhD student
Katsanos, Evangelos	(CONSTRUCT)	Associate Professor
Katski, Bartosz Gabriel	(CONSTRUCT)	PhD student
Kepler, Jørgen	(MECH, AAU)	Associate Professor
Kermani, Nasrin Arjomand	(CONSTRUCT)	Researcher
Khosravi, Ali	(SDU-ME)	Associate Professor
Kim, Taesong	(WIND)	Professor
Kirkegaard, Poul Henning	(CAE, AU)	Professor
Kivilcim, Aysegül	(MATH, AAU)	Assistant Professor

Kjer, Magnus Bolt	(CONSTRUCT)	Postdoc
Klit, Peder	(CONSTRUCT)	Professor Emeritus, PhD
Knipschildt, Elisabeth Filippa F.	(CONSTRUCT)	PhD student
Knudsen, Kim	(COMPUTE)	Associate professor
Knudsen, Stig Staghoj	(CONSTRUCT)	PhD student
Kodsy, Costy	(MATH, AAU)	Assistant Professor
Kofler, René	(CONSTRUCT)	Postdoc
Kohne, Thomas	(CONSTRUCT)	Postdoc
Kolarik, Jakub	(CONSTRUCT)	Associate Professor
Kolios, Anthanasios	(WIND)	Head of Section
Kong, Weiqiang	(CONSTRUCT)	Senior Researcher
Koohestanian, Mohammad	(CONSTRUCT)	Postdoc
Koss, Holger	(CIVIL)	Associate Professor
Kothari, Rohit	(CONSTRUCT)	Postdoc
Kotol, Martin	(CONSTRUCT)	Associate Professor
Kourtis, Georgios Konstantinos	(CONSTRUCT)	PhD student
Kovács, Gergely	(CONSTRUCT)	PhD student
Krenk, Steen	(CONSTRUCT)	Professor Emeritus, dr.techn.
Kristensen, Cecilie	(CONSTRUCT)	Industrial PhD student
Kristiansen, Frederik Nordtorp	(CAE, AU)	PhD student
Kristiansen, Kristian Uldall	(COMPUTE)	Associate Professor
Kristiansen, Morten Fogtmann	(MPE, AU)	Associate Professor
Kristoffersen, Julie Carøe	(CAE, AU)	Postdoc
Kruse, Carl Gustav Sander	(CONSTRUCT)	PhD student
Kumar, Amit	(CONSTRUCT)	Postdoc
Kumar, Rajnish	(WIND)	PhD student
Laborderie, Lucie Maryvonne	(WIND)	PhD student
Lading, Tove	(CONSTRUCT)	Associate Professor
Lakkaraju, Anish Rao	(CONSTRUCT)	PhD student
Langthjem, Mikael	(MPE, AU)	Associate Professor
Larsen, Gunner	(WIND)	Senior Researcher
Larsen, Jan Balle		Elected member, PhD.
Larsen, Jeff	(CONSTRUCT)	PhD student
Larsen, Poul Scheel	(CONSTRUCT)	Professor Emeritus, PhD
Larsen, Raino Mikael	(MECH, AAU)	Associate Professor
Lautenschläger, Martin	(SDU-ME)	Assistant Professor
Legarth, Brian N.	(CONSTRUCT)	Associate Professor, dr. techn.
Lemvig, Jakob	(COMPUTE)	Associate Professor
Lenau, Torben Anker	(CONSTRUCT)	Associate Professor
Li, Feng	(CONSTRUCT)	Postdoc
Li, Hao	(SDU-ME)	Postdoc
Li, Jiayi	(CAE, AU)	PhD student
Liang, Jierong	(CONSTRUCT)	Postdoc
Liano, Javier Cabello	(CONSTRUCT)	PhD student

Lin, Lujin	(CONSTRUCT)	PhD student
Lindgaard, Esben	(MECH, AAU)	Associate Professor
Lindvald, Martin Vorup	(MECH, AAU)	PhD student
Lio, Alan Wai Hou	(WIND)	Researcher
Lisegaard, Jesper John	(CONSTRUCT)	PhD student
Liu, Qiong	(CAE, AU)	PhD student
Liu, Wenqian	(CONSTRUCT)	PhD student
Lori, Ali Rezaei	(CONSTRUCT)	PhD student
Lucantonio, Alessandro	(MPE, AU)	Associate Professor
Lund, Erik	(MECH, AAU)	Professor, PhD
Lund, Ivar	(SDU-ME)	Associate Professor
Luzanilla, Juan Carlos Arceo	(MECH, AAU)	Postdoc
Lyck, Christian	(CONSTRUCT)	Industrial PhD student
Lydakís Simantiris, Emmanouil	(CONSTRUCT)	PhD student
Lützen, Marie	(SDU-ME)	Associate Professor
Ma, Hong	(WIND)	Postdoc
Madsen, Bo	(WIND)	Associate Professor
Madsen, Mads Holst Aagaard	(WIND)	Postdoc
Madsen, Søren Peder	(MPE, AU)	Associate Professor
Magiera, Pinelopi	(WIND)	PhD student
Majumder, Arunabha	(MECH, AAU)	PhD student
Malekan, Mohammad	(SDU-ME)	Assistant Professor
Malektaj, Haniyeh	(MECH, AAU)	PhD student
Mallick, Pravin Kumar	(CONSTRUCT)	PhD student
Mansour, Rami	(MPE, AU)	Tenure Track Assistant Professor
Mantis, Ioannis	(CONSTRUCT)	PhD student
Marini, Michele	(CONSTRUCT)	Postdoc
Markert, Frank Siegfried Paul	(CONSTRUCT)	Associate Professor
Markvorsen, Steen	(COMPUTE)	Professor, dr. techn., PhD
Marti, Ignacio	(WIND)	Head of Division
Mashayekh, Afshin	(CONSTRUCT)	PhD student
Matte, Oliver	(MATH, AAU)	Associate Professor
McAloon, Tim C.	(CONSTRUCT)	Professor MSO, Head of Section
McGinley, Tim Pat	(CONSTRUCT)	Associate Professor
Meena, Akash	(CONSTRUCT)	PhD student
Meesenburg, Wiebke	(CONSTRUCT)	Postdoc
Mehta, Sumit	(CONSTRUCT)	Postdoc
Meisel, Edgar Arturo Gomez	(CONSTRUCT)	Postdoc
Melander, Anders Dalsgaard	(COMPUTE)	PhD student
Mendonca, Heloisa Guedes	(WIND)	Industrial PhD student
Meng, Fanzhong	(WIND)	Senior Researcher
Merali, Mehdi	(CONSTRUCT)	Senior Researcher
Meyer, Knud Erik	(CONSTRUCT)	Associate Professor, PhD
Miao, Xing-Yuan	(WIND)	Researcher

Mikkelsen, Lars Pilgaard	(WIND)	Associate Professor
Mikkelsen, Robert Flemming	(WIND)	Senior Researcher
Min, Seungin	(WIND)	Postdoc
Mirpourian, Jonathan Davud F.S.	(CONSTRUCT)	PhD student
Mirzaei, Parham Ahranjani	(CAE, AU)	Associate Professor
Mishin, Oleg V.	(CONSTRUCT)	Senior Researcher
Mishnaevsky, Leon	(WIND)	Senior Scientist, Dr.-ing.habil
Moalemi, Arefhossein	(WIND)	PhD student
Mohanty, Sankhya	(CONSTRUCT)	Senior Researcher
Mokhtari, Reza	(CONSTRUCT)	PhD student
Moliah, Md. Tusher	(CONSTRUCT)	Postdoc
Mortensen, Niels Henrik	(CONSTRUCT)	Professor, Head of Section
Mortensen, Simon Friborg	(CONSTRUCT)	Research Assistant
Mounet, Raphaël Emile Gilberg	(CONSTRUCT)	Research Assistant
Mozafari, Shadan	(WIND)	PhD student
Muensberg, Tine Meidahl	(CONSTRUCT)	PhD student
Mularczyk, David	(CONSTRUCT)	Research Assistant
Musolf, Brett Michael	(MECH, AAU)	PhD student
Møller, Eva Birgit	(CONSTRUCT)	Professor
Møller, Jesper	(MATH, AAU)	Professor
Nadimpalli, Venkata Karthik	(CONSTRUCT)	Researcher
Natale, Laura Isabel Acevedo	(CONSTRUCT)	PhD student
Navas, Javier Lopex	(CONSTRUCT)	Postdoc
Negendahl, Kristoffer	(CONSTRUCT)	Associate Professor
Nemati, Narguess	(MPE, AU)	Assistant Professor
Nielsen, Chris Valentin	(CONSTRUCT)	Associate Professor
Nielsen, Elisabeth Nomonde Nor	(CONSTRUCT)	Senior Researcher
Nielsen, Jannie Sønderkær	(BUILD, AAU)	Associate Professor
Nielsen, Kim Lau		Elected member, PhD.
Nielsen, Lasse Hamborg	(CONSTRUCT)	PhD student
Nielsen, Mogens Peter	(CONSTRUCT)	Professor Emeritus
Nielsen, Morten	(MATH, AAU)	Professor
Nielsen, Niels-Jørgen Rishøj		Elected member, PhD.
Nielsen, Pernille Yde	(COMPUTE)	Assistant Professor
Nielsen, Toke Rammer	(CONSTRUCT)	Associate Prof., Head of Section
Nielsen, Ulrik Dam	(CONSTRUCT)	Associate Professor
Nielsen, Vilhjálmur	(CONSTRUCT)	Researcher
Niessen, Frank	(CONSTRUCT)	
Niordson, Christian F.	(CONSTRUCT)	Professor, PhD, Head of Section
Nowruzani, Hadi Parviz	(WIND)	PhD student
Nygaard, Jens Vinge		Elected member, PhD
Nygaard-Thomsen, Simon	(MECH, AAU)	Research Assistant
Nørgaard, Morten	(CONSTRUCT)	PhD student
Oehmen, Josef Peter Helmut	(CONSTRUCT)	Associate Professor

Olesen, Asbjørn Malte	(MECH, AAU)	PhD student
Olesen, Peder Jørgensgaard	(CONSTRUCT)	PhD student
Oliveira, Anderson de Souza Castelo	(MECH, AAU)	Associate Professor
Olofsson, Erik Tomas Holmen	(CONSTRUCT)	PhD student
Olsen, Andreas Vang	(CONSTRUCT)	Research Assitant
Olsen, Tim Felle	(CONSTRUCT)	Postdoc
Ong, Jiun Cai	(CONSTRUCT)	Senior Researcher
Otero, Roberto Agromayor	(CONSTRUCT)	Postdoc
Pagoni, Panagiotanley	(CONSTRUCT)	PhD student
Pan, Zhihao	(CONSTRUCT)	PhD student
Pantleon, Karen	(CONSTRUCT)	Associate Professor
Pantleon, Wolfgang	(CONSTRUCT)	Professor MSO
Papamichalis, Eirinaios Konstantinos	(CONSTRUCT)	Research Assistant
Parisi, Simone	(CONSTRUCT)	Research Assistant
Parolin, Giacomo	(CONSTRUCT)	PhD student
Pedersen, David Bue	(CONSTRUCT)	Senior Researcher
Pedersen, Lars	(BUILD, AAU)	Associate Professor
Pedersen, Mads Greve	(CONSTRUCT)	Industrial PhD student
Pedersen, Michael	(COMPUTE)	Professor, dr.techn.
Pedersen, Mikkel Melters	(MPE, AU)	Associate Professor
Pedersen, Niels L.	(CONSTRUCT)	Professor, dr.techn.
Pedersen, Preben Terndrup	(CONSTRUCT)	Professor Emeritus, PhD
Pedersen, Rikke Cilius	(CONSTRUCT)	PhD student
Pedersen, Thomas Ørts		Elected member, PhD.
Pegalajar-Jurado, Antonio	(WIND)	Assistant Professor
Pelizzon, Nicole	(CONSTRUCT)	PhD student
Perez, Marta Victoria	(MPE, AU)	Associate Professor
Petersen, Asger Bjerregaard	(CONSTRUCT)	PhD student
Petersen, Eva Maria	(MECH, AAU)	Associate Professor
Petersen, Henrik Gordon		Elected member, Professor
Pezzula, Matteo	(MPE, AU)	Assistant Professor
Pierce, Robert Samuel	(WIND)	Senior Scientisk
Pierella, Fabio	(WIND)	Assistant Professor
Pieroni, Marina de Pádua Pinheiro	(CONSTRUCT)	Researcher
Pigosso, Daniela Cristina Antelmi	(CONSTRUCT)	Associate Professor
Popa, Andrei-Alexandru	(SDU-ME)	Assistant Professor
Poulios, Konstantinos	(CONSTRUCT)	Associate Professor
Poulsen, Peter Noe	(CONSTRUCT)	Associate Professor
Prada, Felipe	(CAE, AU)	Assistant Professor
Prado, José Joaquin Aguilera	(CONSTRUCT)	PhD student
Quagliotti, Danilo	(CONSTRUCT)	Senior Researcher
Quist, Nicolai Arent	(CONSTRUCT)	Industrial PhD student
Qwist, Jesper Roland Kjærgaard	(CONSTRUCT)	Postdoc
Rahbari, Hamid Reza	(CONSTRUCT)	Postdoc

Rahamipoor, Sahand	(CONSTRUCT)	PhD student
Raj, Arun Kumaradas	(CONSTRUCT)	Postdoc
Ranjbar, Navid	(CONSTRUCT)	Postdoc
Rao, Jyothsna Murli	(CONSTRUCT)	Research Assistant
Rao, Jyothsna Murli	(CONSTRUCT)	PhD student
Rasetti, Francesco	(CONSTRUCT)	PhD student
Rasmussen, Jacob Østerby Holst	(CONSTRUCT)	Industrial PhD student
Rasmussen, John	(MECH, AAU)	Professor
Rasmussen, Morten Grud	(MATH, AAU)	Associate Professor
Rasmussen, Thomas Østerby Holst	(CONSTRUCT)	PhD student
Ravn-Jensen, Kim		Elected members, PhD.
Read, Robert	(CONSTRUCT)	Senior Researcher
Redanz, Pia		Elected member, Principal Engineer
Rende, Bruno Resende Ferreira	(CONSTRUCT)	PhD student
Ribergård, Simon Lautrup	(CONSTRUCT)	Research Assistant
Richardt, Jens Damholt	(CONSTRUCT)	PhD student
Richelsen, Ann Bettina	(CONSTRUCT)	Professor, PhD
Ringgaard, Kasper		Elected member, PhD
Rinker, Jenni	(WIND)	Associate Professor
Ritschel, Tobias Kasper Skovborg	(COMPUTE)	Assistant Professor
Riva, Riccardo	(WIND)	Senior Officer
Rong, Li	(CAE, AU)	Associate Professor
Rosbjerg, Dan		Elected members, Prof., dr.techn.
Rubak, Ege	(MATH, AAU)	Associate Professor
Rupp, Ricardo Forgiarini	(CONSTRUCT)	Postdoc
Rygaard, Frederik Möbius	(COMPUTE)	Associate Professor
Røgen, Peter	(COMPUTE)	Associate Professor, PhD
Rønne, Christian Neyra	(CONSTRUCT)	Associate Professor
Sadeqi, Amirali	(CONSTRUCT)	Postdoc
Sadi, Meisam	(CONSTRUCT)	Postdoc
Sadik, Soulhayl	(MPE, AU)	Assistant Professor
Saeedabadi, Komeil	(CONSTRUCT)	Research Assistant
Salajeghe, Roozbeh	(CONSTRUCT)	PhD student
Sandberg, Michael	(CONSTRUCT)	Research Assistant
Sandberg, Michael	(MPE, AU)	Assistant Professor
Santi, Alberto	(CONSTRUCT)	PhD student
Santos, Ilmar F.	(CONSTRUCT)	Professor, Dr.-Ing., dr. techn.
Sarhadi, Ali	(WIND)	Senior Researcher
Sarlak, Hamid	(WIND)	Associate Professor
Schiødt, Martin	(CONSTRUCT)	PhD student
Schmidt, Dorte S.	(SDU-ME)	Associate Professor
Schmidt, Jacob Wittrup	(BUILD, AAU)	Associate Professor
Schmiegel, Jürgen	(MPE, AU)	Associate Professor
Schramm, Jesper	(CONSTRUCT)	Professor MSO

Seidenschnur, Mikki	(CONSTRUCT)	Industrial PhD student
Seiferheld, Bo Eitel	(MECH, AAU)	PhD student
Semenov, Sergei	(WIND)	Development Engineer
Seta, Berin	(CONSTRUCT)	Postdoc
Shaban, Ghada	(CONSTRUCT)	PhD student
Shafiee, Sara	(CONSTRUCT)	Researcher
Shan, Shuo	(CONSTRUCT)	PhD student
Shao, Yanlin	(CONSTRUCT)	Associate Professor
Sheiati, Shohreh	(WIND)	PhD student
Shen, Jingyuan	(CONSTRUCT)	Postdoc
Sifnaios, Ioannis	(CONSTRUCT)	Research Assistant
Sigmund, Ole	(CONSTRUCT)	Professor, dr.techn.
Sigsgaard, Kristoffer Vandrup	(CONSTRUCT)	Postdoc
Simon, Jamie Engelhardt	(WIND)	Industrial PhD student
Simonsen, Morten Bilde	(MECH, AAU)	Postdoc
Simut, Kaaral	(CONSTRUCT)	Industrial PhD student
Singh, Suraj	(CONSTRUCT)	Research Assistant
Sivebæk, Ion Marius	(CONSTRUCT)	Associate Professor, PhD
Skovsgård, Simon Peter Hald		Elected member
Smith, Kevin Michael	(CONSTRUCT)	Associate Professor
Smolira, Piotr Marek	(CONSTRUCT)	PhD student
Sohrt, Mikkel Emil Søndervang	(CONSTRUCT)	PhD student
Solé, Roger Padullés I.	(CONSTRUCT)	PhD student
Soleimani, Hossein	(CONSTRUCT)	PhD student
Somers, Marcel A. J.	(CONSTRUCT)	Professor
Sorenson, Spencer	(CONSTRUCT)	Professor Emeritus
Sorokin, Sergey	(MECH, AAU)	Professor
Spangenberg, Jon	(CONSTRUCT)	Associate Prof., Head of Section
Speiser, Kilian	(CONSTRUCT)	PhD student
Stamenov, David	(CAE, AU)	PhD student
Stang, Henrik	(CONSTRUCT)	Professor
Steffensen, Mikkel Tandrup	(CONSTRUCT)	Industrial PhD student
Sterndorff, Martin J.		Elected member, PhD.
Stoffersen, Birgitte	(CONSTRUCT)	Industrial PhD Student
Strüßmann, Breno Renato	(CONSTRUCT)	PhD student
Strøm, Erika Marie	(CONSTRUCT)	PhD student
Sujon, Mohammad Abu Shaid	(CONSTRUCT)	PhD student
Svensson, Eilif		Elected member, PhD
Szykula, Jakub Marcin	(CONSTRUCT)	Research Assistant
Sørensen, Bent F.	(WIND)	Professor
Sørensen, Jens Nørkær	(WIND)	Professor
Sørensen, Jesper Harrild	(CONSTRUCT)	Researcher
Sørensen, John Dalsgaard	(BUILD, AAU)	Professor, PhD
Sørensen, Kasper Studsgaard	(MATH, AAU)	Research Assistant

Sørensen, Kenny Kataoka	(CAE, AU)	Professor
Sørensen, Lars Schiøtt	(CONSTRUCT)	Associate Professor
Sørensen, Mads Peter	(COMPUTE)	Professor MSO
Sørensen, Niels Nørmark	(WIND)	Professor
Sørensen, René		Elected member, PhD
Tabassian, Rassoul	(MPE, AU)	Assistant Professor
Tayyebati, Mahdi	(WIND)	PhD student
Tayyebati, Mahok	(WIND)	PhD student
Tcherniak, Dmitri		Elected member
Teizer, Jochen	(CONSTRUCT)	Professor
Tempelis, Antonios	(WIND)	PhD student
Terauchi, Motoki	(CONSTRUCT)	PhD student
Thai, Alexander Fu-My	(MECH, AAU)	PhD student
Theodorakos, Ilias	(MECH, AAU)	Postdoc
Thomassen, Carsten	(COMPUTE)	Professor
Thomsen, Jon Juel	(CONSTRUCT)	Associate Professor, dr. techn.
Thygesen, Uffe Høgsbro	(COMPUTE)	Associate Professor, PhD
Tiedje, Niels Skat	(CONSTRUCT)	Associate Professor, PhD
Toftegaard, Helmuth L.	(WIND)	Senior Scientist
Tosello, Guido	(CONSTRUCT)	Associate Professor
Troldborg, Niels	(WIND)	Senior Researcher
Tsikh, Marina	(CONSTRUCT)	Research Assistant
Tunzi, Michele	(CONSTRUCT)	Associate Professor
Tvergaard, Viggo	(CONSTRUCT)	Professor Emeritus, dr.techn.
Ulfkjær, Jens Peder	(CAE, AU)	Associate Professor
Ulriksen, Martin Dalgaard	(MPE, AU)	Associate Professor
Ussing, Jonas Reeves	(CONSTRUCT)	Research Assistant
Valencia, Luis David Avendano	(SDU-ME)	Assistant Professor
Valente, Emilie Hørdum	(CONSTRUCT)	Postdoc
Van der Laan, Paul	(WIND)	Senior Researcher
Veje, Christian T.	(SDU-ME)	Professor, Head of Department
Velte, Clara	(CONSTRUCT)	Associate Professor
Vereist, David	(WIND)	Senior Researcher
Vestergaard, Flemming	(CONSTRUCT)	Emeritus
Vilanova, Martina Reche	(CONSTRUCT)	Industrial PhD student
Villa, Matteo	(CONSTRUCT)	Senior Researcher
Villers, Manon Chloé	(CONSTRUCT)	PhD student
Vilochani, Sachira	(CONSTRUCT)	PhD student
Waldbjørn, Jacob Paamand	(CONSTRUCT)	Senior Researcher
Walther, Jens Honoré	(CONSTRUCT)	Professor MSO
Wang, Chenglong	(CAE, AU)	PhD student
Wang, Fengwen	(CONSTRUCT)	Senior Researcher
Wang, Xiaobo	(CONSTRUCT)	PhD student
Wang, Yafeng	(CONSTRUCT)	Postdoc

Watacz, Daniel Ahlin Heikkinen	(CONSTRUCT)	PhD student
Wei, Zhilong	(CONSTRUCT)	PhD student
Werner, Konstantin Victor	(CONSTRUCT)	PhD student
Wiggers, Sine Leergaard	(SDU-ME)	Associate Professor
Winther, Grethe	(CONSTRUCT)	Prof., dr.techn., Head of Section
Woldseth, Rebekka Vaarum	(CONSTRUCT)	PhD student
Wu, Weijian	(CONSTRUCT)	Postdoc
Waagepetersen, Rasmus	(MATH, AAU)	Professor
Xiang, Yutong	(CONSTRUCT)	PhD student
Xu, Yi	(CONSTRUCT)	Research Assistant
Yang, Qinjiang	(CONSTRUCT)	PhD student
Yeh, Hao-Ping	(CONSTRUCT)	PhD student
Yildirim, Halid Can	(CAE, AU)	Associate Professor
Yu, Jie	(CONSTRUCT)	Postdoc
Yu, Tianbo	(CONSTRUCT)	Senior Researcher
Zahle, Frederik	(WIND)	Senior Researcher
Zengler, Clemens	(WIND)	PhD student
Zhai, Yanyan	(CONSTRUCT)	Postdoc
Zhan, Chenxuan	(CONSTRUCT)	Research Assistant
Zhang, Guoqiang	(CAE, AU)	Professor
Zhang, Lili	(MPE, AU)	Assistant Professor
Zhang, Xiaodan	(CONSTRUCT)	Senior Researcher
Zhang, Xuping	(MPE, AU)	Associate Professor
Zhang, Yang	(CONSTRUCT)	Senior Researcher
Zhang, Yisheng	(CONSTRUCT)	Research Assistant
Zhang, Yubin	(CONSTRUCT)	Senior Researcher
Zheng, Xiaosheng	(CONSTRUCT)	PhD student
Østergaard, Bjarke Juul Georgi	(CONSTRUCT)	PhD student
Aage, Niels	(CONSTRUCT)	Associate Professor
Aagaard, Niels-Jørgen	(CONSTRUCT)	Associate Professor
Aagaard, Sebastian	(CONSTRUCT)	Postdoc

