

DANISH CENTER FOR APPLIED MATHEMATICS AND MECHANICS

ANNUAL REPORT
2016



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

APPLIED MATHEMATICS AND MECHANICS

Scientific Council as of July 2017

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Jens Nørkær Sørensen	DTU Wind Energy
Mads Peter Sørensen	DTU Compute
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FOREWORD

This annual report about the year 2016 contains information on publications, seminars and guests. The annual report will primarily be made available electronically, however a limited amount will be printed and is available on request. The purpose of the report is to serve as a reference and documentation for accomplished activities. The detailed information is available on our homepage www.dcammm.dk and on the homepages of the cooperating departments.

In 2016 a total of 9 DCAMM seminars were given. The number of participants in these seminars were high indicating the importance of these events. A total of 9 courses were given in the auspices of DCAMM. The annual speaker seminar was this year given by Professor Mathias Heil from Manchester University under the title "Wrinkly fingers" - fluid-structure interaction in elastic-walled Hele-Shaw cells. The lecture was given at DTU and AU. All details are available at the DCAMM homepage.

As of January 1st 2017, the departments cooperating in DCAMM are:

from the **Technical University of Denmark**:

DTU Civil Engineering
DTU Compute
DTU Mechanical Engineering
DTU Wind Energy

from **Aalborg University**:

Department of Civil Engineering
Department of Mechanical and Manufacturing Engineering

from **Aarhus University**

Department of Engineering

from **University of Southern Denmark**

Department of Technology and Innovation

I thank all the members of DCAMM and our international contacts for their support and inspiration, and I look forward to our future continued collaboration.

Niels Leergaard Pedersen

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1. MEMBERS 2016

58 professors
206 scientific members
137 PhD students

} at the nine cooperating departments at the Center

29 elected members
8 foreign members

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

2. FOREIGN MEMBERS

Professor G.I. Barenblatt
Department of Mathematics
University of California, Berkeley
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Berkeley, CA 94720-3840
USA

Professor John W. Hutchinson
Division of Applied Sciences
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USA

Professor Joseph B. Keller
Department of Mathematics and Mechanical Engineering
Stanford University, Stanford, California
USA

Professor Michael S. Longuet-Higgins
Department of Applied Mathematics and Theoretical Physics
University of Cambridge
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Professor Ole Secher Madsen
Ralph M. Parsons Laboratory
Massachusetts Institute of Technology
Cambridge, MA 02139
USA

Professor Alan Needleman
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Professor S. Nemat-Nasser
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USA

Professor Bertil Storåkers
Kungliga Tekniska Högskolan
S-100 44 Stockholm 9500
Sweden

3. GUESTS FOR EXTENDED PERIODS IN 2016 (more than a fortnight)

Guest professors & post docs:

Brown, Tom, Frankfurt Institute for Advanced Studies, Germany, 12.1.16 – 31.12.17

Carlsson, Leif, Florida Atlantic University, USA, 1.5.16 – 31.5.16

Diaz, Alejandro, Michigan University, USA, 15.1.16 – 30.6.16

Feichtinger, Hans, University of Vienna, Austria, 1.10.16 – 31.12.16

Fernandez, Daniel, ICAI, Spain, 5.10.16 – 31.12.16

Gaididei, Yuri B., Bogolyubov Inst. for Theoretical Physics, Ukraine, 1.6.16 – 29.7.16

Hanasaki, Itsuo, Tokyo University of Agricult. and Technology, Japan, 1.8.16 – 31.8.16.

Kim, Rae Young, Yeungnam University, Korea, 20.7.16 – 31.8.16

Kun, Xu, Beihang University (BUAA), China, 1.9.16 – 28.2.17

Leira, Bernt, NTNU, Norway, 1.10.16 – 9.12.16

Linke, Thomas, FOSECO, The Netherlands, 1.5.16 – 31.12.16

Martins, Paulo, Padova University, Italy, 29.5.16 – 11.6.16

Mendes, Glauco, Federal University of São Carlos, Brasilien, 30.8.16 – 30.9.16

Moon, Myoung-Woon, Korea Institute of Sci.and Tech. (KIST), Korea, 21.6.16 – 20.8.16

Nikseresht, Amir, Shiraz University of Technology, Iran, 14.3.16 – 19.9.16

Schaefer, Mirko, Frankfurt Institute for Advanced Studies, Germany, 29.2.16 – 11.2.17

Yu, Yueqing, Beijing University of Technology (BJUT), China, 1.9.16 – 30.9.16

PhD students

Abdi, Ebise Adugna Abdi, Hawassa University, Ethiopia, 15.8.16 – 31.12.17

Bai, Xiaodong, Dalian University of Technology, China, 1.9.16 – 31.8.17

Estenne, Vivienne, Insa de Lyon, France, 29.6.16 – 22.1.17 (Erasmus stud.)

Eladl, Abdelkhaik Mohamed A.A., Mansoura University, Egypt, 1.7.16 – 14.8.16

Fard, Azadeh Ghasemi, Isfahan University, Iran, 1.11.16 – 30.4.17

Guillen, Jorge V., Faculdade de Engenharia Mec., UNICAMP, Brasil, 29.8.16 – 21.11.16

Happanen, Janne, Tampere University of Technology, Finland, 23.5.16 – 26.8.16

Hoersch, Jonas, Frankfurt Institute for Advanced Studies, Germany, 25.1.16 – 12.2.16

Joshi, Yogendra, University of Warwick, United Kingdom, 4.4.16 – 27.5.16

Khedmati, Yavar, Mohaghegh Ardabili University, Iran, 3.2.16 – 31.7.16

Krämer, Alexandra, Karlsruhe Institute of Technology (KIT), Germany, 1.7.16 – 30.9.16

Li, Jinzhao, School of Civ. Eng., Beijing Jiatong University, China, 1.9.16 – 31.8.17

Popadic, Aleksandar, Nat. Inst. of Chemistry, Ljubljana, Slovenia, 18.1.16 – 17.4.16

Rashidi, Ehsan, Mohaghegh Ardabili University, Iran, 3.11.16 – 31.12.16

Rysava, Zdenka, Padova University, Italy, 1.6.16 – 31.8.16

Vargas, Elton, Universidad de Concepcion, Chile, 1.9.16 – 31.8.18

Vittori, Sabrina, University of Perugia, Italy, 7.11.16 – 30.4.17

4. PUBLICATIONS IN 2016

4A. INTERNATIONAL JOURNALS WITH PEER REVIEW

A

Adesokan, B. J., Quan, X., Evgrafov, A., Heiskanen, A., Boisen, A. & Sørensen, M. P.
Experimentation and numerical modeling of cyclic voltammetry for electrochemical micro-sized sensors under the influence of electrolyte flow. *Journal of Electroanalytical Chemistry* (2016), 763(February), 141-148.

Zhou, M., Alexandersen, J., Sigmund, O., Pedersen, C.B.W.
Industrial Application of Topology Optimization for Combined Conductive and Convective Heat Transfer Problems. *Structural and Multidisciplinary Optimization* (2016), 54(4), 1045–1060.

Alexandersen, J., Sigmund, O. & Aage, N.
Large scale three-dimensional topology optimisation of heat sinks cooled by natural convection. *International Journal of Heat and Mass Transfer* (2016), 100, 876-891.

Solný, T., Ptacek, P., Másilko, J., Tkacz, J., Bartoničková, E., Daviðsdóttir, S., Ambat, R.
TiO₂ Surface Coating of Mn-Zn Doped Ferrites Study. *Materials Science Forum* (2016), 3902(851), 153-158.

Gudla, V. C., Bordo, K., Engberg, S., Rechendorff, K. & Ambat, R.
High frequency pulse anodising of magnetron sputtered Al-Zr and Al-Ti Coatings. *Materials & Design* (2016), 95, 340-347.

Domadiya, P. G., Manconi, E., Vanali, M., Andersen, L. V., & Ricci, A.
Numerical and Experimental Investigation of Stop-Bands in Finite and Infinite Periodic One-Dimensional Structures. *Journal of Vibration and Control* (2016), 22(4), 920-931.

Bayat, M., Andersen, L. V., & Ibsen, L. B.
Axial Dynamic Stiffness of Tubular Piles in Viscoelastic Soil. *Energies* (2016), 9(9), 734.

Bayat, M., Andersen, L. V., & Ibsen, L. B.
p-y- \dot{y} curves for dynamic analysis of offshore wind turbine monopile foundations. *Soil Dynamics and Earthquake Engineering* (2016), 90, 38-51.

Theodorakos, I., Rüterbories, J., Lund, M. E., Andersen, M. S., de Zee, M. & Kersting, U.G.
Ankle bracing effects on knee and hip mechanics during landing on inclined surfaces. *International Biomechanics* (2016), 3(1), 22-32.

Farahani, S. D., Andersen, M. S., de Zee, M. & Rasmussen, J.
Optimization-based dynamic prediction of kinematic and kinetic patterns for a human vertical jump from a squatting position. *Multibody System Dynamics* (2016), 36(1), 37-65.

Farahani, S. D., Svinin, M., Andersen, M. S., de Zee, M. & Rasmussen, J.
Prediction of closed-chain human arm dynamics in a crank-rotation task. *Journal of Biomechanics* (2016), 49(13), 2684-2693.

Lignarolo, L. E. M., Mehta, D., Stevens, R. J. A. M., Yilmaz, A. E., van Kuik, G., Andersen, S. J., Meneveau, C., Ferreira, C. J., Ragni, D., Meyers, J., van Bussel, G. J. W. & Holierhoek, J.
Validation of four LES and a vortex model against stereo-PIV measurements in the near wake of an actuator disc and a wind turbine. *Renewable Energy* (2016), 94, 510-523.

Andreasen, C. S.

Topology optimization of inertia driven dosing units. *Structural and Multidisciplinary Optimization* (2016).

Andreasen, J. G., Kærn, M. R., Pierobon, L., Larsen, U. & Haglund, F.

Multi-Objective Optimization of Organic Rankine Cycle Power Plants Using Pure and Mixed Working Fluids. *Energies* (2016), 9 (5), 322.

Frutiger, J., Andreasen, J. G., Liu, W., Spliethoff, H., Haglund, F., Abildskov, J. & Sin, G.
Working fluid selection for organic Rankine cycles - Impact of uncertainty of fluid properties. *Energy* (2016), 109, 987-997.

Martakos, G., Andreasen, J. H., Berggreen, C. & Thomsen, O. T.

Interfacial Crack Arrest in Sandwich Panels with Embedded Crack Stoppers Subjected to Fatigue Loading. *Applied Composite Materials* (2016).

Arabkoohsar, A., Andresen, G.

A Smart Combination of Power Productive Gas Expansion Station and Solar Assisted Absorption Chiller for Integrating Heat, Cooling and Electricity Sectors. *Energy Conversion and Management*, (2016).

Arabkoohsar, A., Andresen, G.

Dynamic Energy, Exergy and Economic Analysis of the High Temperature Heat and Power Storage System. *Energy*, (2016).

Arabkoohsar, A., Andresen, G.

Supporting Denmark's District Heating and Cooling Networks by an Innovative Bifunctional Solar Assisted Absorption Chiller. *Energy Conversion and Management*, (2016).

Frew, B. A., Becker, S., Dvorak, M. J., Andresen, G., Jacobson, M. Z.

Flexibility mechanisms and pathways to a highly renewable US electricity future. *Energy* (2016), 101, 65-78.

Andriollo, T. & Hattel, J. H.

On the isotropic elastic constants of graphite nodules in ductile cast iron: Analytical and numerical micromechanical investigations. *Mechanics of Materials* (2016), 138-150.

Andriollo, T., Thorborg, J. & Hattel, J. H.

Analytical solution to the 1D Lemaitre's isotropic damage model and plane stress projected implicit integration procedure. *Applied Mathematical Modelling* (2016), 40, 5759–5774.

Andriollo, T., Thorborg, J. & Hattel, J. H.

Modeling the elastic behavior of ductile cast iron including anisotropy in the graphite nodules. *International Journal of Solids and Structures* (2016), 100-101, 523-35.

Andriollo, T., Thorborg, J., Tiedje, N. S. & Hattel, J. H.

A micro-mechanical analysis of thermo-elastic properties and local residual stresses in ductile iron based on a new anisotropic model for the graphite nodules: Paper. *Modelling and Simulation in Materials Science and Engineering* (2016), 24 (5).

Arjomand Kermani, N., Petrushina, I., Nikiforov, A. V., Jensen, J. O. & Rokni, M.

Corrosion behavior of construction materials for ionic liquid hydrogen compressor. *International Journal of Hydrogen Energy* (2016), 41 (38), 16688-16695.

Ilcik, J., Arora, V. & Dolejs, J.

Design of new scaffold anchor based on the updated finite element model. *Engineering Structures* (2016), 118, 334-343

B

Lyu, M., Chen, W., Ding, X., Wang, J., Bai, S. & Ren, H.

Design of a biologically inspired lower limb exoskeleton for human gait rehabilitation. *Review of Scientific Instruments* (2016), 87(10), [104301].

Bai, S., Wang, D. & Dong, H.

A Unified Formulation for Dimensional Synthesis of Stephenson Linkages. *Journal of Mechanisms and Robotics* (2016), 8(4).

Dong, H., Wu, Y., Wang, D. & Bai, S.

M-DOF dynamic model for load sharing behavior analysis of PGT. *Journal of Mechanical Science and Technology* (2016), 30(3), 993-1001.

Liu, J., Deng, H., Chen, W. & Bai, S.

Robust dynamic decoupling control for permanent magnet spherical actuators based on extended state observer. *IET Control Theory & Applications*, (2016).

Cantieni, R., Bajric, A. & Brincker, R.

Experimentelle Bestimmung der Dämpfung eines Bauwerkes am Beispiel einer Fußgängerbrücke - Worauf man achten sollte. *Bauingenieur* (2016), 91 (4), S2-S9.

Bang-Jensen, J., Cohen, N. & Havet, F.

Finding good 2-partitions of digraphs II. Enumerable properties. *Theoretical Computer Science* (2016), 640, 1-19.

Bang-Jensen, J. & Havet, F.

Finding good 2-partitions of digraphs I. Hereditary properties. *Theoretical Computer Science* (2016), 636(C), 85-94.

Bang-Jensen, J., Havet, F. & Yeo, A.

The complexity of finding arc-disjoint branching flows. *Discrete Applied Mathematics* (2016), 209(C), 16-26.

Bang-Jensen, J., Kriesell, M., Maddaloni, A. & Simonsen, S.

Arc-disjoint directed and undirected cycles in digraphs. *Journal of Graph Theory*(2016), 83(4), 406-420.

Bang-Jensen, J. & Larsen, T. M.

DAG-width and circumference in digraphs. *Journal of Graph Theory* (2016), 82(2), 194-206.

Bang-Jensen, J., Maddaloni, A. & Saurabh, S.

Algorithms and kernels for feedback set problems in generalizations of tournaments. *Algorithmica* (2016), 76(2), 320-343.

Bang-Jensen, J., Saurabh, S. & Simonsen, S.

Parametrized algorithms for non-separating trees and branchings in digraphs. *Algorithmica* 82(2016), 76(1), 279-296.

Ostashev, V. E., Wilson, D. K., Finn, A., Rogers, K. & Barlas, E.

Spectral broadening of acoustic tones generated by unmanned aerial vehicles in a turbulent atmosphere. *Acoustical Society of America. Journal* (2016), 140(4), 3119-3119.

Alcaraz, N., List, M., Dissing-Hansen, M., Rehmsmeier, M., Tan, Q., Mollenhauer, J., Ditzel, H. & Baumbach, J.

Robust de novo pathway enrichment with KeyPathwayMiner 5. *F1000Research* (2016), 5, 1531.

Almeida, D. M., Skov, I., Lund, J., Mohammadnejad, A., Silva, A., Vandin, F., Tan, Q., Baumbach, J. & Röttger, R.

Illumina: A comprehensive Java-based API for statistical Illumina Infinium HumanMethylation450 and MethylationEPIC data processing. *Journal of Integrative Bioinformatics* (2016), 13(4), 294.

Chen, M., Baumbach, J., Vandin, F., Röttger, R., Vieira Barbosa, E. G., Dong, M., Nielsen, M. F. M., Christiansen, L. & Tan, Q.

Differentially Methylated Genomic Regions in Birth-Weight Discordant Twin Pairs. *Annals of Human Genetics* (2016), 80(2), 81-87.

Christiansen, A., Davidsen, J. R., Titlestad, I., Vestbo, J. & Baumbach, J.

A systematic review of breath analysis and detection of volatile organic compounds in COPD. *Journal of Breath Research* (2016), 10(3).

List, M., Alcaraz, N., Dissing-Hansen, M., Ditzel, H. J., Mollenhauer, J. & Baumbach, J.

KeyPathwayMinerWeb: online multi-omics network enrichment. *Nucleic Acids Research* (2016). 44(W1), W98-W104.

List, M., Schmidt, S., Christiansen, H., Rehmsmeier, M., Tan, Q., Mollenhauer, J. & Baumbach, J.

Comprehensive analysis of high-throughput screens with HiTSeekR. *Nucleic Acids Research* (2016), 44(14), 6639-6648.

Malek, M., Ibragimov, R., Albrecht, M. & Baumbach, J.
CytoGEDEVO: Global alignment of biological networks with Cytoscape. *Bioinformatics* (2016), 32(8), 1259-1261.

Soares, S. C., Geyik, H., Ramos, R. T. J., de Sá, P. H. C. G., Barbosa, E. G. V., Baumbach, J., Figueiredo, H. C. P., Miyoshi, A., Tauch, A., Silva, A. & Azevedo, V.
GIPSY: Genomic island prediction software. *Journal of Biotechnology* (2016), 232, 2-11.

Zeng, Y., Baumbach, J., Barbosa, E. G. V., Azevedo, V., Zhang, C. & Koblížek, M.
Metagenomic evidence for the presence of phototrophic Gemmatimonadetes bacteria in diverse environments. *Environmental Microbiology Reports* (2016), 8(1), 139-149.

Manca, M., Berggreen, C., Carlsson, L. A. & Bortolotti, P.
Fatigue characterization of Poly Vinyl Chloride (PVC) foam core sandwich composite using the G-control method. *Journal of Sandwich Structures and Materials* (2016), 18 (3), 374-394.

Bingham, H. B.

A note on the relative efficiency of methods for computing the transient free-surface Green function. *Ocean Engineering* (2016), 120, 15-20.

Kontos, S., Bingham, H. B., Lindberg, O. & Engsig-Karup, A. P.

A robust WENO scheme for nonlinear waves in a moving reference frame. *Journal of Hydrodynamics* (2016), 28 (3), 482-488.

Boorla, S. M. & Howard, T. J.

Product Maturation Guide - A Digital Simulation Outcome. *Procedia C I R P* (2016), 43, 82-87.

Boorla, S. M. & Howard, T. J.

Production monitoring system for understanding product robustness. *Advances in Production Engineering & Management* (2016), 11 (3), 159-172.

Brandt, A.

Some educational vibration measurement exercises. *Sound and Vibration* (2016), 50 (1), 12-14

Andersen, M. S., Johansson, J., Brandt, A. & Hansen, S. O.

Aerodynamic stability of long span suspension bridges with low torsional natural frequencies. *Engineering Structures* (2016), 120, 82-91

Bredmose, H., Dixen, M., Ghadirian, A., Larsen, T. J., Schløer, S., Andersen, S. J., Wang, S., Bingham, H. B., Lindberg, O., Christensen, E. D., Vested, M. H., Carstensen, S., Engsig-Karup, A. P., Petersen, O. S., Hansen, H. F., Mariegaard, J. S., Taylor, P. H., Adcock, T. A. A., Obhrai, C., Gudmestad, O. T., Tarp-Johansen, N. J., Meyer, C. P., Krokstad, J. R., Suja-Thauvin, L. & Hanson, T. D.

DeRisk - Accurate prediction of ULS wave loads. Outlook and first results. *Energy Procedia* (2016), 94, 379-387.

Roenby, J., Bredmose, H. & Jasak, H.

A computational method for sharp interface advection. *Royal Society Open Science* (2016), 3(11), 160405.

Korkiakoski, S., Brøndsted, P., Sarlin, E. & Saarela, O.
Influence of specimen type and reinforcement on measured tension-tension fatigue life of unidirectional GFRP laminates. *International Journal of Fatigue* (2016), 85, 114-129.

Balci, A., Brøns, M., Herrada, M. A. & Shtern, V. N.
Bifurcations of a creeping air–water flow in a conical container. *Theoretical and Computational Fluid Dynamics* (2016), 30(5), 485-496.

Balci, A., Brøns, M., Herrada, M. A. & Shtern, V. N.
Patterns of a slow air-water flow in a semispherical container. *European Journal of Mechanics B - Fluids* (2016), 1-8.

C

Chen, H. & Christensen, E. D.
Investigations on the porous resistance coefficients for fishing net structures. *Journal of Fluids and Structures* (2016), 65, 76-107.

Christensen, O., Hasannasabjaldehbakhani, M. & Lemvig, J.
Explicit constructions and properties of generalized shift-invariant systems in $L_2(\mathbb{R})$. *Advances in Computational Mathematics* (2016).

Christensen, O., Kim, H. O. & Kim, R. Y.
On the Gabor frame set for compactly supported continuous functions. *Journal of Inequalities and Applications* (2016), 94.

Christensen, O., Kim, H. O. & Kim, R. Y.
On Partition of Unities Generated by Entire Functions and Gabor Frames in $L_2(\mathbb{R}^d)$ and $\ell_2(\mathbb{Z}^d)$. *Journal of Fourier Analysis and Applications* (2016), 22(5), 1121-1140.

Stoeva, D. T. & Christensen, O.
On Various \mathbb{R} -duals and the Duality Principle. *Integral Equations and Operator Theory* (2016), 84(4), 577-590.

Christiansen, P., Martins, P. A. F. & Bay, N. O.
Friction Compensation in the Upsetting of Cylindrical Test Specimens. *Experimental Mechanics* (2016), 56 (7), 1271–1279.

Joshi, Y., Christiansen, P., Masters, I., Bay, N. O. & Dashwood, R.
Numerical Modelling of Drawbeads for Forming of Aluminium Alloys. *Journal of Physics: Conference Series (Online)* (2016), 734.

Christiansen, R. E. & Fernandez Grande, E.
Design of passive directional acoustic devices using Topology Optimization - from method to experimental validation. *Acoustical Society of America. Journal* (2016), 140 (5), 3862-3873.

Christiansen, R. E. & Sigmund, O.
Designing Meta Material Slabs Exhibiting Negative Refraction Using Topology Optimization. *Structural and Multidisciplinary Optimization* (2016), 54 (3), 469–482.

Christiansen, R. E. & Sigmund, O.

Experimental validation of systematically designed acoustic hyperbolic meta material slab exhibiting negative refraction. *Applied Physics Letters* (2016), 109 (10).

Christiansen, T. L., Ståhl, K., Brink, B. & Somers, M. A. J.

On the Carbon Solubility in Expanded Austenite and Formation of Hägg Carbide in AISI 316 Stainless Steel. *Steel Research International* (2016), 87 (11), 1395–1405.

Belfiore, N. P., Arcobello Varlese, F., Battistella, F., Blass, T., Cabral, A. M., Diehl, V., Gonzalez Garcia, J. R., Gorjão, P. F., Holweger, W., Kohlhepp, M., Christiansen, T. L., Ritzenhoff, R., Stocchi, D., Trojahn, W. & Dahl, K. V.

New strategy for testing new high nitrogen bearing steel for offshore wind turbines. *Wind Engineering* (2016), 40 (5), 426-430.

Bottoli, F., Winther, G., Christiansen, T. L., Dahl, K. V. & Somers, M. A. J.

Low-Temperature Nitriding of Deformed Austenitic Stainless Steels with Various Nitrogen Contents Obtained by Prior High-Temperature Solution Nitriding. *Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science* (2016), 47 (8), 4146-4159.

Bottoli, F., Christiansen, T. L., Winther, G. & Somers, M. A. J.

Effect of Plastic Pre-straining on Residual Stress and Composition Profiles in Low-Temperature Surface-Hardened Austenitic Stainless Steel. *Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science* (2016), 47 (8), 4001–4011.

Brink, B. K., Ståhl, K., Christiansen, T. L., Frandsen, C., Hansen, M. F. & Somers, M. A. J.

Composition-dependent variation of magnetic properties and interstitial ordering in homogeneous expanded austenite. *Acta Materialia* (2016), 106, 32-39.

Clausen, A., Aage, N. & Sigmund, O.

Exploiting Additive Manufacturing Infill in Topology Optimization for Improved Buckling Load. *Engineering* (2016), 2 (2), 250-257.

Lythcke-Jørgensen, C. E., Clausen, L. R., Algren, L., Bavnhøj Hansen, A., Münster, M., Gadsbøll, R. Ø. & Haglind, F.

Optimization of a flexible multi-generation system based on wood chip gasification and methanol production. *Applied Energy* (2016).

Comminal, R. B., Hattel, J. H., Alves, M. A. & Spangenberg, J.

Vortex behavior of the Oldroyd-B fluid in the 4-1 planar contraction simulated with the streamfunction–log-conformation formulation. *Journal of Non-Newtonian Fluid Mechanics* (2016), 237, 1-15.

Conseil, H., Gudla, V. C., Jellesen, M. S. & Ambat, R.

Humidity Build-Up in a Typical Electronic Enclosure Exposed to Cycling Conditions and Effect on Corrosion Reliability. *I E E E Transactions on Components, Packaging and Manufacturing Technology* (2016), 6 (9), 1379-1388.

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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, NÈSTOR 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. FRANDBSEN, 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)

6. OTHER THESES

ANDERSEN, SEBASTIAN: “Reduction Methods for Real-time Simulations in Hybrid Testins”, DTU Civil Engineering, 2016, PhD Thesis.

CHAPELLE, LUCIE: “Mechanical properties of stone wool products after chemical and mechanical ageing”, DTU Wind Energy, 2016

CHRISTIANSEN, RUNE JUUL: “Metal release from implants and its effect on the immune system”, DTU Mechanical Engineering, 2016, PhD Thesis.

D’ANGELO, GRETA: “A Platform for Multi Material Additive Manufacturing, Modular Tooling and Process”, DTU Mechanical Engineering, 2016, PhD Thesis.

FRIBERG, HENRIK ALSING: “Combinatorial Optimization over Secon-Order and Industrial Applications”, DTU Wind Energy, 2016, PhD Thesis.

HENRICHSEN, SØREN RANDRUP: “Optimization of Laminated Composite Structures”, Aalborg University, Department of Mechanical and Manufacturing Engineering, 2016, PhD Thesis.

JAKOBSEN, MADS SIELEMANN: “Gabor frames on locally compact abelian groups and related topics”, DTU Compute: Department of Applied Mathematics and Computer Science, 2016, PhD Thesis.

KALLEHAVE, DAN: “Monopiles for Offshore Wind Turbines – A Study on Foundation Stiffness on the Basis of Full-Scale Measurements”, DTU Civil Engineering, 2016, PhD Thesis.

LAUSTSEN, BJARKE: “Stability of thin imperfect shell structures”, DTU Civil Engineering, 2016, PhD Thesis.

MARHÖFER, MAX: “Design and Manufacture of Micro Products Using Concurrent Engineering”, DTU Mechanical Engineering, 2016, PhD Thesis.

MØLLER-ANDERSEN, JAKOB: “Optimization on spaces of curves”, DTU Compute: Department of Applied Mathematics and Computer Science, 2016, PhD Thesis.

NØRBJERG, TOKE BJERGE: “Rationalization in architecture with surface foliated by elastic curves”, DTU Compute: Department of Applied Mathematics and Computer Science, 2016, PhD Thesis.

OKORO, SUNDAY C.: “High Temperature Corrosion on Biodus Firing”, DTU Mechanical Engineering, 2016, PhD Thesis.

OLESEN, KENNET: “Mimetic Discretization of Cevtor-valued Diffusing Problems”, Aarhus University, Department of Engineering – Mechanics and Materials, 2016, PhD Thesis.

PEREIRA, GILMAR FERREIRA: “Reliabilities of composite materials for wind turbine blades”, DTU Wind Energy, 2016, PhD Thesis.

SESSAREGO, MATIAS: “Design of large wind turbines using fluid-structure coupling technique”, DTU Wind Energy, 2016, PhD Thesis.

SKAFTE, ANDERS: “Applications of Expansion Techniques in Operational Modal Analysis”, Aarhus University, Department of Engineering – Mechanics and Materials, 2016, PhD Thesis.

STEENSTRUP, KASPER HORNBAK: “Rationalization with rules surfaces in architecture”, DTU Compute: Department of Applied Mathematics and Computer Science, 2016, PhD Thesis.

WANG, PENG: “Experimental Characterisation of Polymer Foam Core Materials using the Virtual Fields Method and DIC”, Aalborg University, Department of Mechanical and Manufacturing Engineering, 2016, PhD Thesis.

WÖHNER, TIMO: “Micro Injection Moulding for Micro Fuel Cell Production” DTU Mechanical Engineering, 2016, PhD Thesis.

7. DCAMM SEMINARS GIVEN IN 2016

Professor Dimitris A. Saravanos: Damping of Composite Materials, Laminates and Blade Structures. 18 March 2016. University of Patras, Greece

Assistant Professor Cihan Tekoğlu: Localization of plastic flow leading to ductile failure. 25 April 2016. TOBB University of Economics and Technology, Söğütözü, Ankara, Turkey.

Dr. Artem Korobenko: Advanced Computational Analysis of Wind Turbines. 19 May 2016. Department of Structural Engineering and Center for Extreme Events Research, University of California, San Diego, USA.

Dr. Bjørn Clausen: Using In-Situ Neutron Diffraction to Measure Internal Strains in Additively Manufactured Stainless Steels. 1 June 2016. Los Alamos National Laboratory, Los Alamos, USA.

Associate Professor A. Srikantha Phani: Vibroacoustics of sandwich panels with a lattice core. 12 July 2016. University of British Columbia, Vancouver, Canada.

Professor Basile Audoly: The non-linear mechanics of slender deformable bodies. 9 September 2016. Laboratoire de Mécanique des Solides, CNRS and école Polytechnique, Palaiseau, France.

Professor Loukas Kallivokas: Full-waveform inversion for three-dimensional site characterization. 29 September 2016. The University of Texas at Austin, USA.

Senior Technical Fellow Thomas Grandine: Modeling Laminated Surfaces with Spline Convolution. 3 November 2016. The Boeing Company, USA.

Professor John W. Hutchinson: Buckling of Spherical Shells Revisited. 16 December 2016. Harvard University, USA.

8. DCAMM COURSES GIVEN IN 2016

DTU Mechanical Engineering

High Performance Computing: FORTRAN, Open MP and MPI

Advanced Engineering Thermodynamics

Electron Microscopy and Analysis for Materials Research

PhD course on application of x-ray diffraction in materials science

Micro Mechanical Systems Design and Manufacture (PhD summer school)

Nanotribology: Theory and applications

Measurement uncertainty estimation using statistical methods

DTU Compute

Workshop on Modern Scientific Computing

Aalborg University's Doctoral School of Engineering and Science

PhD course on Analysis and Gradient Based Optimization of Laminated Composite Structures

APPENDIX: List of members 2016

Abbreviations:

from Technical University of Denmark

CIVIL: Dept. of Civil Engineering
 COMPUTE: Dept. of Applied Mathematics and Computer Science
 MEK-FAM: Dept. of Mechanical Engineering, Solid Mechanics
 MEK-FVM: Dept. of Mechanical Engineering, Fluid Mechanics,
 Coastal and Maritime Engineering
 MEK-K&P: Dept. of Mechanical Engineering, Engineering Design and Product
 Development
 MEK-MPP: Dept. of Mechanical Engineering, Manufacturing Engineering
 MEK-MTU: Dept. of Mechanical Engineering, Materials and Surface Engineering
 MEK-TES: Dept. of Mechanical Engineering, Thermal Energy

WIND: DTU Wind Energy

from Aalborg University

CIVIL, AAU: Department of Civil Engineering
 M-TECH, AAU: Department of Mechanical and Manufacturing Engineering

from Aarhus University

ENG, AU: Department of Engineering

from University of Southern Denmark

SDU-MAT: Dept. of Mathematics and Computer Science
 SDU-ITI: Dept. of Technology and Innovation

Adesokan, Bolaji James	(COMPUTE)	PhD student
Alexandersen, Joe	(MEK-FAM)	Postdoc
Ambat, Rajan	(MEK-MTU)	Professor
Amini Afshar, Mostafa	(MEK-FVM)	Postdoc
Andersen, Lars Vabbersgaard	(CIVIL, AAU)	Associate Professor, PhD
Andersen, Michael Skipper	(M-TECH, AAU)	Associate Professor
Andersen, Michael Styrk	(SDU-ITI)	PhD student
Andersen, Morten Thøtt	(CIVIL, AAU)	PhD student
Andersen, Poul	(MEK-FVM)	Associate Professor
Andersen, Rasmus Grau	(MEK-FAM)	Research Assistant
Andersen, Søren Juhl	(WIND)	Postdoc
Andreasen, Casper Schousboe	(MEK-FAM)	Associate Professor
Andreasen, Jens H.	(M-TECH, AAU)	Associate Professor, PhD
Andreasen, Jesper Graa	(MEK-TES)	Scientific Assistant
Andreasen, Mogens Myrup	(MEK-K&P)	Professor Emeritus
Andreassen, Michael Joachim	(CIVIL)	Associate Professor
Andresen, Gorm	(ENG, AU)	Postdoc
Andrillo, Tito	(MEK-MPP)	Postdoc
Aradjóttir, Tinna Björk	(COMPUTE)	PhD student

Arjomand Kermani, Nasrin	(MEK-TES)	PhD student
Arora, Vikas	(SDU-ITI)	Associate Professor
Asadzadeh, Seyed Saeed	(MEK-FVM)	PhD student
Attanasio, Francesco	(MEK-FAM)	Scientific Assistant
Azizi, Reza		Elected member, PhD
Back-Pedersen, Andreas		Elected member, PhD.
Bai, Shaoping	(M-TECH, AAU)	Associate Professor
Bajric, Anela	(MEK-FAM)	PhD student
Bak, Brian Lau Verndal	(M-TECH, AAU)	Postdoc
Balling, Ole	(ENG, AU)	Aff. Professor
Bang-Jensen, Jørgen	(SDU-MAT)	Professor
Barlas, Emre	(WIND)	PhD student
Barton, Janice	(M-TECH, AAU)	Professor
Baruffi, Federico	(MEK-MPP)	PhD student
Basdasso, Enrico	(MEK-TES)	Scientific Assistant
Baumbach, Jan	(SDU-MAT)	Associate Professor
Bay, Niels O.	(MEK-MPP)	Professor
Beelen, Peter	(COMPUTE)	Associate Professor
Bellemo, Lorenzo	(MEK-TES)	Scientific Assistant
Bender, Jens Jakob	(M-TECH, AAU)	PhD student
Bendsøe, Martin		Elected member, Dean of Graduate Studies and International Affairs
Berggreen, Christian	(MEK-FAM)	Associate Professor
Bingham, Harry B.	(MEK-FVM)	Associate Professor
Biondani, Francesco G.	(MEK-MPP)	PhD student
Bisacco, Giuliano	(MEK-MPP)	Associate Professor
Bjarkelev, Kristian	(MEK-K&P)	PhD student
Blanco, Ignacio	(COMPUTE)	PhD student
Boelskifte, Per	(MEK-K&P)	Professor
Bohr, Thomas		Elected member, Professor
Boll, Thomas Brinch	(MEK-MTU)	Scientific Assistant
Boorla, Srinvasa Murthy	(MEK-K&P)	PhD student
Borg, Michael	(WIND)	Postdoc
Borg, Ulrik		Elected member, Senior Engineer
Bossolini, Elena	(COMPUTE)	PhD student
Brander, David	(COMPUTE)	Associate Professor
Brandt, Anders	(SDU-ITI)	Associate Professor
Branner, Kim	(WIND)	Senior Researcher
Bredmose, Henrik	(WIND)	Associate Professor
Brilhuis-Meijer, Ellen	(MEK-K&P)	PhD student
Brohus, Henrik	(CIVIL, AAU)	Associate Professor, PhD
Bræstrup, M. W.		Elected member, PhD.
Bräuner, Lars	(ENG, AU)	Associate Professor
Brøndsted, Povl	(WIND)	Professor
Brøns, Morten	(COMPUTE)	Professor, PhD
Budzik, Michal	(ENG, AU)	Assistant Professor
Bussone, Andrea	(SDU-MAT)	PhD student
Calaon, Matteo	(MEK-MPP)	Postdoc
Carlsen, Henrik	(MEK-TES)	Professor Emeritus
Carlsen, Martin	(COMPUTE)	PhD student
Carstensen, Stefan	(MEK-FVM)	Associate Professor
Castro Ardilla, Oscar Gerardo	(WIND)	PhD student
Castro, Miguel Nobre	(M-TECH, AAU)	PhD student
Cederkvist, Jan		Elected member, PhD.
Checchi, Alessandro	(MEK-MPP)	PhD student
Chen, Hao	(MEK-FVM)	PhD student
Chirandini, Marco	(SDU-MAT)	Associate Professor

Choobi, Mahsa Seyyedian	(MEK-MPP)	Postdoc
Christensen, Erik Damgaard	(MEK-FVM)	Professor, Head of Section
Christensen, Georg Kronborg	(MEK-K&P)	Associate Professor
Christensen, Ole	(COMPUTE)	Professor, dr.scient.
Christensen, Simon	(M-TECH, AAU)	PhD student
Christiansen, Christian Kim		Elected member, PhD.
Christiansen, Esben Toke	(M-TECH, AAU)	PhD student
Christiansen, Jesper De Claville	(M-TECH, AAU)	Professor
Christiansen, Peter	(MEK-MPP)	Researcher
Christiansen, Ramus Ellebæk	(MEK-FAM)	Postdoc
Christiansen, Rune Juul	(MEK-MTU)	PhD student
Christiansen, Thomas Lundin	(MEK-MTU)	Senior Scientist
Clausen, Anders	(MEK-FAM)	PhD student
Clausen, Johan Christian	(CIVIL, AAU)	Associate Professor
Clausen, Lasse Røngaard	(MEK-TES)	Assistant Professor
Comminal, Raphael Benjamin	(MEK-MPP)	Postdoc
Conseil, Helene	(MEK-MTU)	PhD student
Cordtz, Rasmus Faurskov	(MEK-TES)	Postdoc
Costache, Andrei	(MEK-FAM)	Postdoc
Da Fonseca, Cesar Augusto Lampe Linhares	(MEK-FAM)	PhD student
Dag, Kaya Onur	(WIND)	PhD student
Dagnæs-Hansen, Nikolaj Aleksander	(MEK-FAM)	PhD student
Dahl, Kristian Vinter	(MEK-MTU)	Senior Researcher
Dalla, Guiseppe Costa	(MEK-MPP)	PhD student
Dam, Magnus	(COMPUTE)	PhD student
Damkilde, Lars	(CIVIL, AAU)	Professor
Dammann, Bernd	(COMPUTE)	Associate Professor
Danckert, Joachim	(M-TECH, AAU)	Professor Emeritus
Darula, Radoslav	(M-TECH, AAU)	Postdoc
Das, Chitta Ranjan	(MEK-MTU)	Postdoc
De Chiffre, Leonardo	(MEK-MPP)	Professor
Debrabant, Kristian	(SDU-MAT)	Associate Professor
Didone, Mattia	(MEK-MPP)	PhD student
Diederichs, Annika Martina	(MEK-MTU)	PhD student
Din, Rameez Ud	(MEK-MTU)	Postdoc
Doagou-Rad, Saeed	(MEK-MPP)	PhD student
Drakidis, Alexandros Dimitrios	(MEK-K&P)	Research Assistant
Drozdov, Aleksey	(M-TECH, AAU)	Professor
Dzialo, Christine Mary	(M-TECH, AAU)	PhD student
Eder, Martin Alexander	(WIND)	Researcher
Eifler, Tobias	(MEK-K&P)	Postdoc
El-Naaman, Salim	(MEK-FAM)	PhD student
Elmegaard, Brian	(MEK-TES)	Associate Professor, Head of Section
Eltard-Larsen, Bjarke	(MEK-FVM)	PhD student
Endelt, Benny Ørtoft	(M-TECH, AAU)	Associate Professor
Eriksen, Rasmus Normann Wilken	(MEK-FAM)	Postdoc
Farshidi, Arash	(MEK-FAM)	PhD student
Fasano, Andrea	(MEK-MPP)	PhD student
Fedorov, Vladimir	(WIND)	Researcher
Fedorova, Irina	(MEK-MTU)	PhD student
Felter, Christian Lotz	(MEK-FAM)	Postdoc
Feng, Ju	(WIND)	Postdoc
Ferruzza, Davide	(MEK-TES)	PhD student
Fisker, Ann-Sofie	(COMPUTE)	PhD student
Frausing, Rasmus	(MEK-TES)	Scientific Assistant
Fredsøe, Jørgen	(MEK-FVM)	Professor Emeritus

Frier, Christian	(CIVIL, AAU)	Associate Professor, PhD
Fuhrman, David R.	(MEK-FVM)	Associate Professor
Gallego-Calderon, Juan	(WIND)	Postdoc
Garcia, Néstor Ramos	(WIND)	Researcher
Gervang, Bo	(ENG, AU)	Associate Professor
Ghadirian, Amin	(WIND)	PhD student
Giannekas, Nikolaos	(MEK-MPP)	Scientific Assistant
Glud, Jens Ammitzbøll	(M-TECH, AAU)	Research Assistant
Gogebeur, Yuri	(SDU-MAT)	Associate Professor
Goodsite, Michael Evan	(SDU-ITI)	Professor, Head of Department
Gopalakrishnan, Nimi	(MEK-MTU)	Postdoc
Gotfredsen, Erik	(MEK-FVM)	PhD student
Graeme, Keith		Elected member
Gravesen, Jens	(COMPUTE)	Associate Professor, dr.phil
Greiner, Martin	(ENG, AU)	Professor
Groen, Jeroen Peter	(MEK-FAM)	PhD student
Gudla, Visweswara Chakravarthy	(MEK-MTU)	Postdoc
Gunneskov, Ole		Elected member, PhD.
Guzman, Jon Trifol	(MEK-MPP)	Postdoc
Göhler, Simon Moritz	(MEK-K&P)	PhD student
Hagdrup, Morten	(COMPUTE)	PhD student
Haglund, Fredrik	(MEK-TES)	Associate Professor
Hald, John	(MEK-MTU)	Professor MSA
Halkjær, Søren		Elected member, PhD
Hansen, Asger Bendix	(MEK-FVM)	PhD student
Hansen, Christian Valdemar	(SDU-MAT)	PhD student
Hansen, Claus Thorp	(MEK-K&P)	Associate Professor
Hansen, Hans Nørgaard	(MEK-MPP)	Professor, Head of Department
Hansen, Kurt Schaldemose	(WIND)	Senior Researcher
Hansen, Martin Otto Laver	(WIND)	Associate Professor
Hansen, Mette Sanne	(MEK-FVM)	Senior Researcher
Hansen, Morten H.	(WIND)	Professor
Hansen, Per Chr.	(COMPUTE)	Professor, dr. techn.
Hasannasabjaldehbakhani, Marzieh	(COMPUTE)	PhD student
Haselbach, Philipp	(WIND)	PhD student
Hassing, Henrik		Elected member, PhD
Hattel, Jesper Henri	(MEK-MPP)	Professor
Heilmann, Irene	(COMPUTE)	PhD student
Henningensen, Casper Schytte	(MEK-FVM)	PhD student
Henriksen, Christian	(COMPUTE)	Associate Professor, PhD
Hjorth, Poul	(COMPUTE)	Associate Professor, PhD
Hodzic, Azur	(MEK-FVM)	PhD student
Hoffmeyer, David	(MEK-FAM)	PhD student
Hofstätter, Thomas	(MEK-MPP)	PhD student
Horsewell, Andy	(MEK-MTU)	Professor
Hougaard, Peter		Elected member, PhD
Howard, Thomas J.	(MEK-K&P)	Associate Professor
Høgsaa, Bjarke Hangstrup	(M-TECH, AAU)	PhD student
Høgsberg, Jan Becker	(MEK-FAM)	Associate Professor
Ibsen, Lars Bo	(CIVIL, AAU)	Professor, PhD
Islam, Mohammad Aminul	(MEK-MPP)	Senior Researcher
Ivarsson, Anders	(MEK-TES)	Associate Professor
Jabbarineham, Mirmasoud	(MEK-MPP)	Researcher
Jacobsen, Christian Brix		Elected member, PhD.
Jakobsen, Johnny	(M-TECH, AAU)	Associate Professor
Jellesen, Morten Stendahl	(MEK-MTU)	Senior Researcher
Jensen, Erik Appel	(M-TECH, AAU)	Associate Professor

Jensen, Henrik Myhre	(ENG, AU)	Professor
Jensen, Jakob Søndergaard		Elected member, Professor, PhD
Jensen, Jonas Kjær	(MEK-TES)	Scientific Assistant
Jensen, Jørgen Juncher	(MEK-FVM)	Professor, dr. techn.
Jensen, Lars Rosgaard	(M-TECH, AAU)	Associate Professor
Jensen, Lasse Skovgaard	(MEK-K&P)	PhD student
Jensen, Michael Vincent	(MEK-TES)	PhD student
Jespersen, Kirstine Munk	(WIND)	PhD student
Joshy, Salil	(MEK-MTU)	PhD student
Jurado, Antonio	(WIND)	PhD student
Juul, Kristian Jørgensen	(MEK-FAM)	PhD student
Juul, Nicolai Ytterdal	(MEK-MTU)	PhD student
Jönsson, Jeppe	(CIVIL)	Professor
Jørgensen, Jeppe Bjørn	(WIND)	PhD student
Jørgensen, John Bagterp	(COMPUTE)	Associate Professor
Jørgensen, Mads Carsten	(MEK-TES)	PhD student
Jørgensen, Martin Heide	(M-TECH, AAU)	Head of Department
Kappatos, Vasileios	(SDU-ITI)	Associate Professor
Karamehmedovic, Mirza	(COMPUTE)	Associate Professor
Karatzas, Vasileios	(MEK-FAM)	Scientific Assistant
Karvounis, Nikkolas	(MEK-FVM)	PhD student
Kepler, Jørgen	(M-TECH, AAU)	Associate Professor
Kjemtrup, Lars	(MEK-TES)	PhD student
Kliem, Mathias	(MEK-FAM)	PhD student
Klit, Peder	(MEK-FAM)	Professor, PhD
Knudsen, Kim	(COMPUTE)	Associate professor
Knudsen, Lars Ramkilde	(COMPUTE)	Professor
Knudsen, Thomas S.		Elected member, PhD.
Koss, Holger	(CIVIL)	Associate Professor
Krenk, Steen	(MEK-FAM)	Professor, dr.techn.
Kristensen, Anders Schmidt	(CIVIL, AAU)	Associate Professor
Kristiansen, Kristian Uldall	(COMPUTE)	Assistant Professor
Krogh, Christian	(M-TECH, AAU)	PhD student
Kærn, Martin Ryhl	(MEK-TES)	Researcher
La Seta, Angelo	(MEK-TES)	Scientific Assistant
Labanda, Susana Rojas	(WIND)	Postdoc
Lampert, Felix	(MEK-MTU)	PhD student
Larsen, Jan Balle		Elected member, PhD.
Larsen, Poul Scheel	(MEK-FVM)	Professor Emeritus, PhD
Larsen, Raino Mikael	(M-TECH, AAU)	Associate Professor
Larsen, Rasmus	(COMPUTE)	Professor, Head of Department
Lauridsen, Jonas	(MEK-FAM)	PhD student
Lazarov, Boyan Stefanov	(MEK-FAM)	Senior Researcher, PhD
Ledet, Lasse Søgaard	(M-TECH, AAU)	PhD student
Lee, Seunghwan	(MEK-MTU)	Associate Professor
Legarth, Brian N.	(MEK-FAM)	Associate Professor, PhD
Lemvig, Jakob	(COMPUTE)	Associate Professor
Lenau, Torben Anker	(MEK-K&P)	Associate Professor
Li, Shizhao	(MEK-MPP)	AC-Tap
Lilholt, Hans	(WIND)	Chief Scientist
Lindgaard, Esben	(M-TECH, AAU)	Associate Professor
Lind-Nielsen, Birger		Elected member, PhD.
Lund, Erik	(M-TECH, AAU)	Professor, PhD
Lund, Ivar	(SDU-ITI)	Associate Professor
Lundgaard, Christian	(MEK-FAM)	PhD student, PhD
Lynggaard, Julie	(MEK-FAM)	PhD student
Lythcke-Jørgensen, Christoffer	(MEK-TES)	PhD student

Lützen, Marie	(SDU-ITI)	Associate Professor
Løkkegaard, Martin	(MEK-K&P)	PhD student
Madruga, Danial González	(MEK-MPP)	Postdoc
Madsen, Bo	(WIND)	Senior Scientist
Madsen, Per A.	(MEK-FVM)	Professor, dr.techn.
Madsen, Søren Peder	(ENG, AU)	Associate Professor
Maduro, Marco Aurelio Miranda	(WIND)	PhD student
Mahshid, Rasoul	(MEK-MPP)	PhD student
Malede, Yohanes Chekol	(MEK-MTU)	PhD student
Mancini, Roberta	(MEK-TES)	PhD student
Mandviwalla, Xerxes	(MEK-FVM)	PhD student
Manouchehr, Mehrtash	(MEK-FAM)	PhD student
Margalit, Jonatan	(MEK-FVM)	PhD student
Marhöfer, David Maximilian	(MEK-MPP)	PhD student
Markussen, Wiebke Brix	(MEK-TES)	Associate Professor
Markvorsen, Steen	(COMPUTE)	Professor, dr. techn., PhD
Marla, Deepak	(MEK-MPP)	Postdoc
Martinez-Paneda, Emilio	(MEK-FAM)	Postdoc
Mazzucco, Andrea	(MEK-TES)	PhD student
McAloone, Tim C.	(MEK-K&P)	Associate Professor, PhD
Meroni, Andrea	(MEK-TES)	PhD student
Meyer, Knud Erik	(MEK-FVM)	Associate Professor, PhD
Mieritz, Andreas Falkenstrøm	(COMPUTE)	PhD student
Mikkelsen, Lars Pilgaard	(WIND)	Associate Professor
Mikkelsen, Robert Flemming	(WIND)	Senior Researcher
Miraglia, Simona	(CIVIL)	Postdoc
Mischkot, Michael	(MEK-MPP)	PhD student
Mishnaevsky, Leon	(WIND)	Senior Scientist, Dr.-ing.habil
Moghadam, Marcel	(MEK-MPP)	PhD student
Mohaghegh, Kamran	(MEK-MPP)	Postdoc
Mohammed, Ali	(MEK-MPP)	PhD student
Mohanty, Sankhya	(MEK-MPP)	Postdoc
Montagud, Maria Engracia Mondejar	(MEK-TES)	Postdoc
Montgomery, Melanie	(MEK-MTU)	Senior Researcher
Morte, Michele della	(SDU-MAT)	Associate Professor
Mortensen, Niels Henrik	(MEK-K&P)	Professor, Head of Section
Mortensen, Ulrich Andreas	(WIND)	PhD student
Møller, Per	(MEK-MTU)	Professor
Møller, Randi Nørh	(MEK-FAM)	PhD student
Nasirabadi, Parizad Shojae	(MEK-MPP)	PhD student
Natarajan, Anand	(WIND)	Senior Researcher
Nellemann, Christopher	(MEK-FAM)	PhD student
Nguyen, Tuong-Van	(MEK-TES)	Postdoc
Nielsen, Chris Valentin	(MEK-MPP)	Postdoc
Nielsen, Claus Suldrup	(MEK-TES)	Postdoc
Nielsen, Jens Henrik	(CIVIL)	Assistant Professor
Nielsen, Kamilla Haahr	(COMPUTE)	PhD student
Nielsen, Kim Lau	(MEK-FAM)	Associate Professor
Nielsen, Leif Otto	(CIVIL)	Associate Prof. Emeritus
Nielsen, Niels-Jørgen Rishøj		Elected member, PhD.
Nielsen, Søren R.K.	(CIVIL, AAU)	Professor, dr.techn.
Nielsen, Ulrik Dam	(MEK-FVM)	Assistant Professor
Niordson, Christian F.	(MEK-FAM)	Associate Professor, PhD, Head of Section
Nygaard, Jens Vinge	(ENG, AU)	Head of Mechanical Engineering
Nørgaard, Sebastian Arlund	(MEK-FAM)	PhD student
Nørtoft, Peter	(COMPUTE)	Assistant Professor

O'Hare, Jamie Alexander	(MEK-K&P)	Postdoc
Oest, Jacob	(M-TECH, AAU)	PhD student
Ohlsen, Niels Lennart	(SDU-ITI)	Assistant Professor
Okoro, Sunday Chukwudi	(MEK-MTU)	PhD student
Okulov, Valery	(WIND)	Senior Researcher
Olesen, Christian Gammelgaard	(M-TECH, AAU)	Associate Professor
Olesen, John Forbes	(CIVIL)	Associate Professor
Olhoff, Niels	(M-TECH, AAU)	Professor Emeritus
Omidvarnia, Farzaneh	(MEK-MPP)	PhD student
Ommen, Torben Schmidt	(MEK-TES)	Postdoc
Overgaard, Hannibal Christian T.	(MEK-FAM)	PhD student
Overgaard, Lars Chr. Terndrup	(M-TECH, AAU)	Associate Professor
Pagoropoulos, Aris	(MEK-K&P)	PhD student
Pang, Kar Mun	(MEK-TES)	Researcher
Pantleon, Karen	(MEK-MTU)	Associate Professor
Pantleon, Wolfgang	(MEK-MTU)	Associate Professor
Pedersen, David Bue	(MEK-MPP)	Researcher
Pedersen, Michael	(COMPUTE)	Professor, dr.techn.
Pedersen, Niels L.	(MEK-FAM)	Associate Professor, dr.techn.
Pedersen, Pauli	(MEK-FAM)	Professor Emeritus, dr.techn., HD
Pedersen, Preben Terndrup	(MEK-FVM)	Professor Emeritus, PhD
Pedersen, Thomas Ørts		Elected member, PhD.
Pereira, Gilmar Ferreira	(WIND)	PhD student
Petersen, Helga Nørgaard	(WIND)	PhD student
Petersen, Henrik Gordon		Elected member, Professor
Petersen, Thomas		Elected member, PhD
Petkov, Kiril	(MEK-MPP)	PhD student
Pica, Claudio	(SDU-MAT)	Professor MSO
Pieper, Henrik	(MEK-TES)	PhD student
Pierobon, Leonardo	(MEK-TES)	Postdoc
Pigosso, Daniela Cristina Antelmi	(MEK-K&P)	Senior Researcher
Piotrowska, Kamila	(MEK-MTU)	PhD student
Poulios, Konstantinos	(MEK-FAM)	Postdoc
Poulsen, Michael Schøn	(MEK-TES)	Scientific Assistant
Poulsen, Peter Noe	(CIVIL)	Associate Professor
Puthumana, Govindan	(MEK-MPP)	Postdoc
Pyrz, Ryszard	(M-TECH, AAU)	Professor Emeritus
Quagliotti, Danilo	(MEK-MPP)	PhD student
Raeis, Seyed Aydin	(M-TECH, AAU)	PhD student
Raffaelli, Matteo	(COMPUTE)	PhD student
Rasmussen, Henrik K.	(MEK-MPP)	Associate Professor, PhD
Rasmussen, John	(M-TECH, AAU)	Professor
Rauhe, Jens Christian M	(M-TECH, AAU)	Associate Professor
Ravendran, Rathesan	(M-TECH, AAU)	PhD student
Ravn, Poul Martin	(MEK-K&P)	PhD student
Ravn-Jensen, Kim		Elected members, PhD.
Read, Robert	(MEK-FVM)	Senior Researcher
Reboucas, Geraldo	(MEK-FAM)	PhD student
Reck, Mads		Elect. Mem., CFD Specialist – aerodyn.
Redanz, Pia		Elected member, Senior Engineer
Regener, Pelle Bo	(MEK-FVM)	PhD student
Regi, Francesco	(MEK-MPP)	PhD student
Rezaei, Mohsen	(MEK-FAM)	Researcher
Richelsen, Ann Bettina	(MEK-FAM)	Professor, PhD
Rokni, Masoud	(MEK-TES)	Associate Professor
Rootzén, Helle	(COMPUTE)	Professor
Rosbjerg, Dan		Elected members, Professor, dr.techn.

Rosenkilde, Johan S. H.	(COMPUTE)	Assistant Professor
Røgen, Peter	(COMPUTE)	Associate Professor, PhD
Røn, Troels	(MEK-MTU)	Postdoc
Sala, Maurizio	(MEK-FAM)	Scientific Assistant
Sandal, Kasper	(WIND)	PhD student
Sanporean, Catalina-Gabriela	(M-TECH, AAU)	Assistant Professor
Santos, Ilmar F.	(MEK-FAM)	Professor, Dr.-Ing.
Saseendran, Vishnu	(MEK-FAM)	PhD student
Sassarego, Matias	(WIND)	PhD student
Saxena, Prateek	(MEK-MPP)	PhD student
Schjødt-Thomsen, Jan	(M-TECH, AAU)	Associate Professor
Schløer, Signe	(WIND)	Postdoc
Schmidt, Dorte S.	(SDU-ITI)	Associate Professor
Schmiegel, Jürgen	(ENG, AU)	Associate Professor
Schramm, Jesper	(MEK-TES)	Professor MSO
Schroll, Achim	(SDU-MAT)	Professor, dr.sc. Math.
Shao, Yanlin	(MEK-FVM)	Assistant Professor
Shen, Wen Zhong	(WIND)	Professor
Sigmund, Ole	(MEK-FAM)	Professor, dr.techn.
Sigurjonsson, Hafthor Ægir	(MEK-TES)	Postdoc
Sivebæk, Ion Marius	(MEK-MPP)	Associate Professor, PhD
Sjølund, Jonas Heidemann	(M-TECH, AAU)	PhD student
Sofia da Silva Ferreira Pinto Melro, Liliana	(M-TECH, AAU)	PhD student
Somers, Marcel A. J.	(MEK-MTU)	Professor, Head of section
Sonne, Mads Rostgaard	(MEK-MPP)	Researcher
Sorokin, Sergey	(M-TECH, AAU)	Professor
Spangenberg, Jon	(MEK-MPP)	Associate Professor
Spietz, Henrik Juul	(MEK-FVM)	PhD student
Stang, Henrik	(CIVIL)	Vice director, Professor
Sterndorff, Martin J.		Elected member, PhD.
Stolfi, Alessandro	(MEK-MPP)	PhD student
Stolpe, Mathias	(WIND)	Professor, dr.techn.
Stoltze, Jonas Steensgaard	(M-TECH, AAU)	PhD student
Sulaiman, Mohd Hafis	(MEK-MPP)	Scientific Assistant
Sumer, B. Mutlu	(MEK-FVM)	Professor Emeritus
Svenningsgaard, Jon	(M-TECH, AAU)	PhD student
Svensson, Eilif		Elected member, PhD
Sørensen, Bent	(WIND)	Professor MSO, Head of Section
Sørensen, Claus Aage Grøn	(ENG, AU)	Senior Researcher
Sørensen, Jens Nørkær	(WIND)	Professor
Sørensen, John Dalsgaard	(CIVIL, AAU)	Professor, PhD
Sørensen, Mads Peter	(COMPUTE)	Professor MSO
Sørensen, Niels Jakob		Elected member, PhD
Sørensen, René	(M-TECH, AAU)	Postdoc
Sørensen, Søren Nørgaard	(M-TECH, AAU)	Assistant Professor
Tejada, Alejandro de Miguel	(MEK-FAM)	Postdoc
Thomsen, Ole Thybo	(M-TECH, AAU)	Professor
Thorborg, Jesper	(MEK-MPP)	Senior Researcher
Thöns, Sebastian	(CIVIL)	Associate Professor
Tidemann, Lasse	(MEK-FAM)	PhD student
Tiedje, Niels Skat	(MEK-MPP)	Associate Professor, PhD
Toftegaard, Helmuth L.	(WIND)	Senior Scientist
Toftekær, Johan Frederik	(MEK-FAM)	PhD student
Tosello, Guido	(MEK-MPP)	Associate Professor
Tvergaard, Viggo	(MEK-FAM)	Professor Emeritus, dr.techn.
Vedel-Smith, Nikolaj Kjelgaard	(MEK-MPP)	Postdoc

Vested, Malene Hovgaard	(MEK-FVM)	PhD student
Velte, Clara	(MEK-FVM)	Associate Professor
Verdingovas, Vadimas	(MEK-MTU)	Postdoc
Villa, Matteo	(MEK-MTU)	Postdoc
Villadsen, Sebastian	(MEK-MTU)	PhD student
Von Osmanski, Alexander Sebastian	(MEK-FAM)	Research Assistant
Walther, Jens Honore	(MEK-FVM)	Professor MSO
Wang, Fengwen	(MEK-FAM)	Senior Researcher
Warm, Christian	(MEK-MTU)	PhD student
Wen, Chuang	(MEK-FVM)	Postdoc
Westlye, Frederik Ree	(MEK-TES)	PhD student
Wiggers, Sine Leergaard	(SDU-ITI)	Associate Professor
Winther, Grethe	(MEK-MTU)	Associate Professor, dr.techn.
Wu, Duoli	(MEK-MTU)	PhD student
Wu, Guanglei	(M-TECH, AAU)	Postdoc
Wöhner, Timo	(MEK-MPP)	PhD student
Yadav, Abhijeet	(MEK-MTU)	Research Assistant
Üstünyagiz, Esmeray	(MEK-MPP)	PhD student
Zeidan, Said	(MEK-FAM)	PhD student
Zhang, Ji	(MEK-TES)	Postdoc
Zhang, Xuping	(ENG, AU)	Assistant Professor
Zhang, Yang	(MEK-MPP)	Senior Researcher
Zühlsdorf, Benjamin	(MEK-TES)	PhD student
Özkil, Ali Gürçan	(MEK-K&P)	Assistant Professor
Aage, Niels	(MEK-FAM)	Associate Professor

