

Mie Andersen

Danish citizen, born 10 December 1985.

Current affiliation:

Theoretical Chemistry, Technische Universität München.

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From February 2021:

Aarhus Institute of Advanced Studies (AIAS) and Department of Physics and Astronomy, Aarhus University.

Education and career:

- 2019 – : Maternity leave (5 months). Part time work from November 2019 till present.
- 2017 – : Group leader (*Habilitandin*), TU Munich, Germany.
Mentor: Prof. Karsten Reuter.
- 2014 – 2017: Alexander von Humboldt Fellow / postdoc, TU Munich, Germany.
Host: Prof. Karsten Reuter.
Project: *Scaling-relation-based kinetic Monte Carlo modelling of higher alcohol synthesis.*
- 2014: PhD degree in nanoscience, Aarhus University, Denmark.
Supervisor: Prof. Bjørk Hammer.
Project: *Adsorption phenomena on aromatic carbon.*
- 2013: Research stay (6 months), CEMES-CNRS, Toulouse, France.
Host: Dr. Xavier Bouju.
Project: *Simulation of STM images using the ESQC code.*
- 2012: Master's degree in nanoscience, Aarhus University, Denmark.
Specialization in physics and materials science.
- 2009: Study and research stay (4 months), University of Wisconsin-Madison, USA.

Fellowships, grants and awards:

- 2021 – 2024: AIAS-COFUND fellowship at Aarhus Institute of Advanced Studies (AIAS).
Project: *Descriptor-based modelling of the reactivity of interstellar dust grains.*
- 2019: Computing grant on Jülich's JUWELS with Prof. Karsten Reuter.
Volume: 10 million core hours.
- 2018: Gerhard Ertl Young Investigator Award for excellence of research in surface science.
- 2017: MPG fellowship for distinguished visiting scientists.
Host: Prof. Matthias Scheffler.
Research visits to the Theory Department of the Fritz Haber Institute, Berlin, Germany.
- 2015 – 2017: Alexander von Humboldt postdoctoral fellowship.
- 2013: Various grants for financing stay at CEMES-CNRS, Toulouse, France.
Volume: Dkk 30.000,- (total from 3 grants).
- 2009: Various grants for financing stay at University of Wisconsin-Madison, USA.
Volume: Dkk 28.500,- (total from 5 grants).

Scientific publications:

30 articles published in international peer-reviewed journals.

Total number of citations (Google Scholar): 2258

H-index (Google Scholar): 19