



ANDY SODE ANKER, PhD

Research Fellow

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CURRENT POSITIONS

- Fulford Junior Research Fellow, Somerville College, Oxford Oct 2024 –
- Visiting Postdoctoral Fellow, Department of Chemistry, University of Oxford, England Jan 2024 –
- Postdoctoral Fellow, Department of Energy, Danish Technical University, Denmark Dec 2023 –

PREVIOUS POSITIONS

- Independent Contractor, OpenAI Red Teaming Network 2024+2025
- Postdoc, Department of Chemistry, University of Copenhagen, Denmark 2023
- Visiting Researcher, Rutherford Appleton Laboratory, England 2021 – 2022
- PhD, Department of Chemistry, University of Copenhagen, Denmark 2018 – 2023

EDUCATION

University of Copenhagen, Denmark, supervision: Kirsten M. Ø. Jensen

- PhD in Chemistry 2018 – 2023
- MSc in Nanoscience 2018 – 2021
- BSc in Nanoscience 2015 – 2018

PUBLICATION METRICS (ORCID: [0000-0002-7403-6642](https://orcid.org/0000-0002-7403-6642)) (Google Scholar: bit.ly/AndyGoogleScholar)

- Authored 30+ peer-reviewed papers in chemistry and machine learning journals/conferences
- 1st author of 11 peer-reviewed papers &
- Corresponding author of 2 peer-reviewed papers

RECENT FUNDING

- 150 000 DKK DTU Discovery (Commercialisation pre-startup grant) 2025
- 4 000 000 DKK Postdoctoral Fellowship from Novo Nordisk Foundation 2023

RECENT AWARDS AND HONORS

- Inflection award (The 30 top PhDs globally working on solutions to climate change) 2025
- Forbes 30 Under 30 Europe in the Science and Healthcare category 2024
- Danscatt PhD award (Danish scattering community) 2024

PRESENTATIONS

Invited keynote: Machine Learning for X-Ray and Neutron-Based Experiments, Garching, Germany 2024

Invited talk: Chemical Compound Space Conference, Heidelberg, Germany 2024

Invited talk: Machine Learning Modalities for Materials Science, Ljubljana, Slovenia 2024

11 invited talks – regional talks in Denmark, Sweden, Finland, Austria, and United Kingdom 2022 – 2024

1 invited panel discussion: Machine Learning Modalities for Materials Science, Ljubljana, Slovenia 2024

12 contributed talks to summer schools, seminars, national- and international conferences

22 contributed posters for summer schools, national- and international conferences

BEAMTIMES 20+ scattering and spectroscopy experiments at international radiation facilities

REVIEWED ~20 papers in leading chemistry and machine learning journals/conferences

EDITOR Guest editor for *npj Comp. Mat.*

OUTREACH

- Two papers in Danish popular science journals - [Aktuel Naturvidenskab](#) & [Ingeniøren](#)
- Twitter takeover (@RealSci_Nano) and outreach video (https://youtu.be/PywCje9_YF4)
- Featured by [MAX IV](#), Somerville, [University of Oxford](#), [DTU](#)

TEACHING

- Co-supervised 2 MSc and 4 BSc students at Department of Chemistry, University of Copenhagen
- Teaching assistant for 3 chemistry courses at Department of Chemistry, University of Copenhagen
- Student assistant at Nano-Science Center & Skoletjenesten, University of Copenhagen 2016 – 2018
- Teaching qualification course, Department of Science Education, University of Copenhagen, 3ECTS
- Guest lecture “Applied Mathematics for Chemists” 2023