

# Student & Research Group Matchmaking Event 2018

## Hvor?

Fysik 1525-626  
Aud VI på kemi  
iNANO foyer  
Geoscience foyer

## Hvornår?

Fredag den 14.  
september 2018  
kl 14-17

## Lækkersulten?

Vi skal nok sørge for  
kaffe og kage



AARHUS  
UNIVERSITET  
INSTITUT FOR GEOSCIENCE



AARHUS  
UNIVERSITET  
INSTITUT FOR KEMI

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iNANO

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**Gruppenavn:** Biomodelling Group

**Hjemmeside:** <http://chem.au.dk/forskning/forskningsomraader/teoretiskkemi/biomodelling/>

**Keywords:**

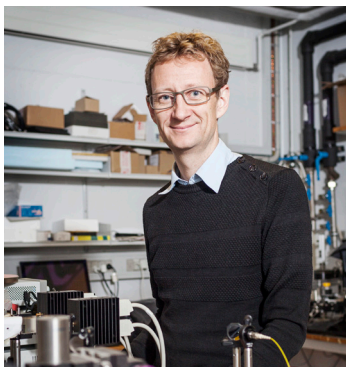
Computer Simulations,  
Modelling of Biological Systems,  
Biochemistry,  
Drug Discovery,  
Neurological Diseases



**Navn:** Brian Julsgaard  
**Email:** brianj@phys.au.dk  
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**Hjemmeside:** <http://phys.au.dk/forskning/forskningsomraader/semiconductor/>

**Keywords:** Semiconductor Physics,  
Group-IV Nanostructures,  
Gallium Nitride,  
Photoluminescence Spectroscopy,  
Electrical Characterization



**Navn:** Brigitte Stadler  
**Email:** bstadler@inano.au.dk  
**Gruppenavn:** Laboratory for Cell Mimicry

**Hjemmeside:** <http://inano.au.dk/about/research-groups/brigitte-stadler/>

**Keywords:**

Cells/Organelles,  
Self-propelled Nanobots,  
Polymer Chemistry,  
Microfluidics,  
Cell Biology



**Navn:** Daniel Otzen  
**Email:** dao@inano.au.dk  
**Gruppenavn:** Protein Biophysics

**Hjemmeside:** [www.proteins.dk](http://www.proteins.dk)

**Keywords:**

Protein Self-Assembly,  
Neurodegenerative Diseases,  
Protein Stability,  
Protein Folding,  
Protein-lipid Interactions



**Navn:** Duncan Sutherland  
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**Gruppenavn:** Nanobiointerfaces Group

**Hjemmeside:** [nanobiointerfaces.dk](http://nanobiointerfaces.dk)

**Keywords:**

Biointerfaces,  
Cells,  
Proteins,  
Plasmonics,  
Nanomaterials

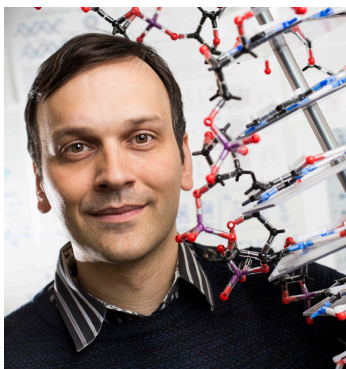


**Navn:** Ebbe Sloth Andersen  
**Email:** esa@inano.au.dk  
**Gruppenavn:** Biomolecular Design

**Hjemmeside:** [andersen-lab.dk](http://andersen-lab.dk)

**Keywords:**

DNA Nanotechnology,  
RNA Nanotechnology,  
Synthetic Biology,  
Biomolecular Design,  
Biomolecular Engineering





**Navn:** Elena Ferapontova  
**Email:** elena.ferapontova@inano.au.dk  
**Gruppenavn:** Biosensors and Bioelectrocatalysis

**Hjemmeside:** <http://inano.au.dk/about/research-groups/electrochemical-biosensors-and-bioelectrocatalysis-group-elena-ferapontova/>

**Keywords:**  
Cancer Diagnostics,  
Environmental Sensors,  
Neuroscience Research,  
Sustainable Energy Production,  
Electron Transfer Reactions in DNA and Proteins



**Navn:** Henrik Birkedal  
**Email:** hbirkedal@chem.au.dk  
**Gruppenavn:** Biological and Bioinspired Materials

**Hjemmeside:** <http://chem.au.dk/en/research/research-areas/inorganicchemistrymaterialschemistry/biological-and-bioinspired-materials/>

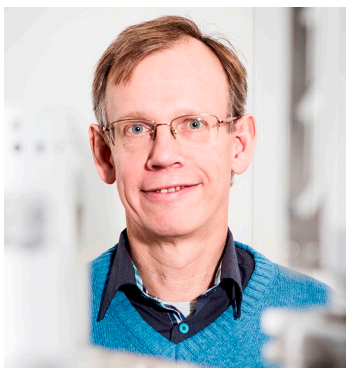
**Keywords:**  
Synthesis,  
Smart Materials,  
Synchrotron,  
Imaging,  
Diffraction



**Navn:** Jan Skov Pedersen  
**Email:** jsp@chem.au.dk  
**Gruppenavn:** Soft Matter Group

**Hjemmeside:** <http://inano.au.dk/about/research-groups/physical-chemistry-of-soft-condensed-matter/>

**Keywords:**  
Structural Aspect and Thermodynamics of Self-Assembling Systems,  
Polymers,  
Surfactants,  
Proteins

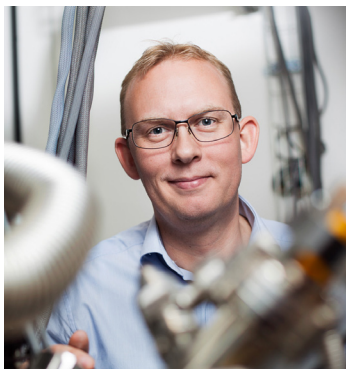


**Navn:** Jeppe Lauritsen  
**Email:** jvang@inano.au.dk  
**Gruppenavn:** Nanocatalysis Group

**Hjemmeside:** <http://inano.au.dk/organization/research-groups/nanocatalysis-lab-lauritsen/>

**Keywords:**

Energy,  
Catalysis,  
Surfaces,  
Scanning Probe Microscopy,  
Atomic Force Microscopy



**Navn:** Jørgen Kjems  
**Email:** jk@mb.au.dk  
**Gruppenavn:** Nanomedicine

**Hjemmeside:** <http://inano.au.dk/about/research-groups/nanomedicine-joergen-kjems-group/>

**Keywords:**

Drug Delivery,  
Bioimaging,  
DNA and RNA Nanotechnology,  
Stem cells,  
Regenerative medicine



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**Gruppenavn:** NanoPharmaceutical Lab

**Hjemmeside:** <http://inano.au.dk/about/research-groups/npl/>

**Keywords:**

Nanomedicine,  
Drug Delivery,  
Precision Medicine,  
Albumin,  
Molecular Medicine



**Navn:** Kim Daasbjerg  
**Email:** kdaa@chem.au.dk  
**Gruppenavn:** Organic Surface Chemistry

**Hjemmeside:** <http://surfchem.dk/>

**Keywords:**

Organic Chemistry,  
Surface Modification,  
Electrocatalysis (CO<sub>2</sub>),  
Industrial Collaboration,  
Open Science



**Navn:** Liv Hornekær  
**Email:** liv@phys.au.dk  
**Gruppenavn:** Surface Dynamics Group

**Hjemmeside:** <http://phys.au.dk/forskning/forskningsomraader/condensed-matter-physics/surface-dynamics-group/>

**Keywords:**

Surface Science,  
Graphene,  
Scanning Tunneling Microscopy,  
2D materials,  
Astrochemistry

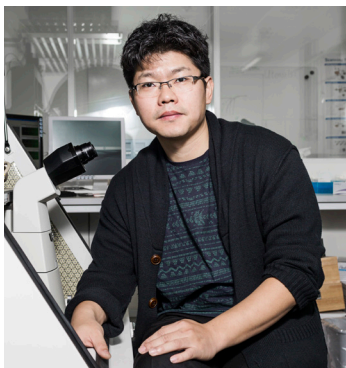


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**Email:** dong@inano.au.dk  
**Gruppenavn:** BIO-SPM group

**Hjemmeside:** <http://inano.au.dk/biospm/>

**Keywords:**

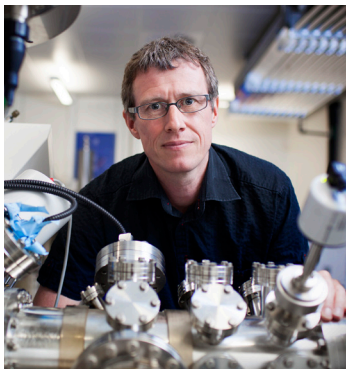
Scanning Probe Microscopy,  
Novel Nanomaterials,  
Molecular Self-Assembly



**Navn:** Morten Foss  
**Email:** foss@inano.au.dk  
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**Hjemmeside:** <http://inano.au.dk/about/research-groups/biomedical-surface-group-senior-researcher-morten-foss/>

**Keywords:**  
Biomedical Materials,  
Surface Functionalization for Guided Cellular Response,  
Non-fouling Surfaces,  
Bone Contacting Implants,  
Percutaneous Implants



**Navn:** Nina Lock  
**Email:** nlock@inano.au.dk  
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**Hjemmeside:** <http://inano.au.dk/about/research-groups/hybrid-materials-lab-nina-lock/>

**Keywords:**  
Photocatalysis,  
Water Splitting,  
CO<sub>2</sub> Reduction,  
Metal-Organic Frameworks,  
Structural Studies



**Navn:** Poul Nissen  
**Email:** pn@mbg.au.dk  
**Gruppenavn:** Nissen group - Structural and Functional Studies of Membrane Transporters in Brain

**Hjemmeside:** [www.dandrite.au.dk/nissen](http://www.dandrite.au.dk/nissen)

**Keywords:**  
Membrane Proteins,  
Structural Biology,  
Cryo-EM,  
Crystallography,  
Drug Discovery



**Navn:** Rikke Meyer  
**Email:** rikke.meyer@inano.au.dk  
**Gruppenavn:** Biofilm Group

**Hjemmeside:** <http://inano.au.dk/organization/research-groups/biofilm-group-assoc-prof-rikke-meyer/>

**Keywords:**  
Bacterial Biofilms,  
Implants,  
Coatings,  
Antimicrobial Resistance,  
Drug Delivery



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**Email:** stinek@inano.au.dk  
**Gruppenavn:** SPOMAN Open Science

**Hjemmeside:** [www.spoman-os.org](http://www.spoman-os.org)

**Keywords:**  
Open science,  
Polymers,  
3D Print,  
Machine Learning,  
Antifouling



**Navn:** Thomas Vosegaard  
**Email:** tv@chem.au.dk  
**Gruppenavn:** Bio NMR

**Hjemmeside:** [www.nmr.au.dk](http://www.nmr.au.dk)

**Keywords:**  
NMR,  
Lipidomics,  
Protein Structure,  
Software

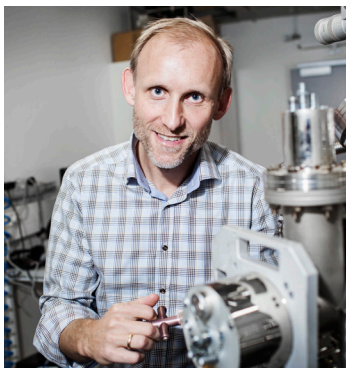


**Navn:** Trolle Rene Linderoth  
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**Gruppenavn:** Surface self-assembly and reactions

**Hjemmeside:** <http://pure.au.dk/portal/da/trolle@phys.au.dk>

**Keywords:**

Scanning Tunneling Microscopy,  
On-surface Synthesis,  
Electrospray Deposition,  
Surface Dynamic Processes,  
Chirality and Biomolecules



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**Hjemmeside:** <http://inano.au.dk/organization/research-groups/single-molecule-biophotonics-group-victoria-birkedal/>

**Keywords:**

Structural Dynamics and Function,  
Gene Structures,  
DNA Based Nanostructures and Devices,  
Single Molecule Spectroscopy,  
Microscopy



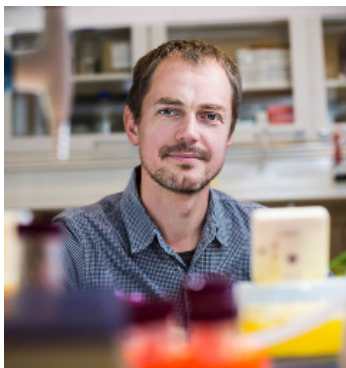
Kemi

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**Email:** zelikin@chem.au.dk  
**Gruppenavn:** Medicinal Polymer Chemistry Lab

**Hjemmeside:** [www.zelikin-lab.com](http://www.zelikin-lab.com)

**Keywords:**

Polymers,  
Prodrug,  
Controlled Release,  
Synthesis,  
Medicinal Chemistry

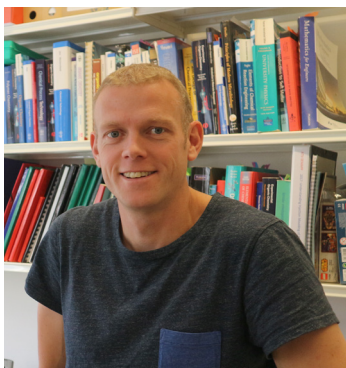


**Navn:** Anders Lindhardt  
**Email:** lindhardt@eng.au.dk  
**Gruppenavn:** FlowLab

**Hjemmeside:** [www.FlowLab-dk.com](http://www.FlowLab-dk.com)

**Keywords:**

Flow Chemistry,  
Organic Synthesis,  
Method Development,  
Homogeneous Catalysis



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**Email:** bo@chem.au.dk  
**Gruppenavn:** Materials crystallography

**Hjemmeside:** [www.cmc.chem.au.dk](http://www.cmc.chem.au.dk)

**Keywords:**

Materials Chemistry and Crystallography,  
Synchrotron and Neutron Research,  
Nanoparticles and Supercritical Fluids,  
Thermoelectrics,  
Electron Density and Chemical Bonding





**Navn:** Frank Jensen  
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**Hjemmeside:** <http://chem.au.dk/forskning/forskningsomraader/teoretiskkemi/biomodelling/>

**Keywords:**  
Kvantemekanik,  
Force Field,  
Molekylær Modelling,  
Kemiske Reaktioner,  
Metode Udvikling



**Navn:** Frans Mulder  
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**Gruppenavn:** Bio NMR

**Hjemmeside:** [nmr.au.dk](http://nmr.au.dk) og [www.protein-nmr.org](http://www.protein-nmr.org)

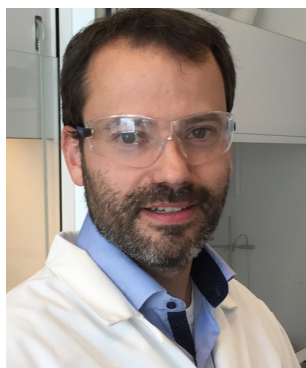
**Keywords:**  
NMR,  
Biophysics,  
Chemistry,  
Nano,  
Science



**Navn:** Henrik Helligsø Jensen  
**Email:** hhj@chem.au.dk  
**Gruppenavn:** Bio-Organic Chemistry

**Hjemmeside:** <http://chem.au.dk/forskning/forskningsomraader/organiskkemi/bioorganisk-kemi/>

**Keywords:**  
Organic Synthesis,  
Carbohydrate Chemistry,  
Medicinal Chemistry,  
Lysosomal Storage Disorders,  
Mechanistic Studies



**Navn:** Henrik Stapelfeldt  
**Email:** henriks@chem.au.dk  
**Gruppenavn:** Femtolab

**Hjemmeside:** <http://chem.au.dk/forskning/forskningsomraader/fysikkemi/femtolab/>

**Keywords:**

Quantum Washing Machine,  
Microscopic Superfluidity,  
Molecular Selfies,  
Laser Control of Large Molecules,  
VUV Femtosecond Laser Pulses



**Navn:** Jacob Overgaard  
**Email:** jacob@chem.au.dk  
**Gruppenavn:** Molecular Magnetism

**Hjemmeside:** [chem.au.dk/molmag](http://chem.au.dk/molmag)

**Keywords:**

Single Molecule Magnets,  
Electron Density Distributions,  
Coordination Chemistry,  
X-ray and Neutron Diffraction,  
High Pressure Single Crystal Diffraction



**Navn:** Jens-Erik Jørgensen  
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**Gruppenavn:** Uorganisk Kemi

**Hjemmeside:** <http://chem.au.dk/forskning/forskningsomraader/uorganiskkemi/>

**Keywords:**

Materialekemi,  
Syntese,  
Røntgen- og Neutrodiffraction,  
Strukturkemi,  
Magnetisme



**Navn:** Jørgen Skibsted  
**Email:** jskib@chem.au.dk  
**Gruppenavn:** Solid-state NMR of Inorganic Materials

**Hjemmeside:** <http://inano.au.dk/about/research-groups/solid-state-nmr-of-inorganic-materials-joergen-skibsted>

**Keywords:**  
Solid-State NMR,  
inorganic Materials,  
Environmentally Friendly Cement Materials,  
Heterogeneous Catalysis,  
Glasses and Clay Minerals



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**Gruppenavn:** Catalysis

**Hjemmeside:** [Catalysis.au.dk](http://Catalysis.au.dk)

**Keywords:**  
Organic Chemistry,  
Asymmetric Catalysis,  
Molecules for Life-Science,  
Chirality,  
From Lab to Industrial Application



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**Email:** kvg@chem.au.dk  
**Gruppenavn:** Gothelf Lab

**Hjemmeside:** <http://inano.au.dk/about/research-groups/gothelf-lab/>

**Keywords:**  
Organic Synthesis,  
Biomedical Drugs,  
Biosensors,  
DNA Nanotechnology



**Navn:** Marianne Glasius  
**Email:** glasius@chem.au.dk  
**Gruppenavn:** Analytical and Atmospheric Chemistry

**Hjemmeside:** <http://chem.au.dk/forskning/ac3/>

**Keywords:**

Analytisk Kemi,  
Atmosfærekemi,  
Omdannelse af Biomasse,  
Kromatografi,  
Massespektrometri



**Navn:** Martin Bremholm  
**Email:** bremholm@chem.au.dk  
**Gruppenavn:** Materials Science at Extreme Conditions

**Hjemmeside:** <http://chem.au.dk/bremholm/>

**Keywords:**

Materials Chemistry,  
New Materials,  
High Pressure Methods,  
Phase Transitions,  
Atomic Structure Determination



**Navn:** Merete Bilde  
**Email:** bilde@chem.au.dk  
**Gruppenavn:** Atmospheric Physical Chemistry

**Hjemmeside:** <http://chem.au.dk/forskning/forskningsomraader/fysiskkemi/atmosfaerisk-fysisk-kemi/>

**Keywords:**

Airborne Nano- and Micro-Particles,  
Chemistry in the Atmosphere,  
Physical Chemistry,  
Chemistry and Climate,  
Air Quality



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**Email:** mch@chem.au.dk  
**Gruppenavn:** Magnetic Matter

**Hjemmeside:** <http://chem.au.dk/forskning/forskningsomraader/uorganiskkemi/energikonverterende-materialer/>

**Keywords:**  
Magnetic materials,  
Nanoparticles,  
Synthesis,  
Neutron,  
Synchrotron Science



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**Email:** ove@chem.au.dk  
**Gruppenavn:** Midas

**Hjemmeside:** <http://chem.au.dk/en/research/research-areas/theoreticalchemistry/molecular-interactions-dynamics-and-simulation/>

**Keywords:**  
Theoretical Chemistry,  
Quantum Chemistry,  
Quantum Molecular Dynamics,  
Molecular Vibrations,  
Theoretical Spectroscopy



**Navn:** Peter R. Ogilby  
**Email:** progilby@chem.au.dk  
**Gruppenavn:** Photophysics, Photobiology and Photochemistry

**Hjemmeside:** [www.chem.au.dk/ppp](http://www.chem.au.dk/ppp)

**Keywords:**  
Reactive Oxygen,  
Laser Spectroscopy,  
Fluorescence Microscopy,  
Protein Technology,  
Dye Synthesis



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**Email:** thpou@chem.au.dk  
**Gruppenavn:** Chemical Biology Laboratory

**Hjemmeside:** <https://www.tbpoulsenlab.com/>

**Keywords:**

Complex Molecule Synthesis,  
Natural Products,  
Chemical Genetics,  
Cellular and Molecular Biology,  
Medicinal Chemistry



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**Gruppenavn:** Biosurface Spectroscopy

**Hjemmeside:** [http://pure.au.dk/portal/en/persons/id\(7a001432-fe35-4c21-b32c-40a65e060b03\).html](http://pure.au.dk/portal/en/persons/id(7a001432-fe35-4c21-b32c-40a65e060b03).html)

**Keywords:**

Life in Ice,  
Minerals Made by Nature,  
Biomembrane Biochemistry,  
Ultrafast Laser Optics,  
Surface Spectroscopy



**Navn:** Torben R. Jensen  
**Email:** trj@chem.au.dk  
**Gruppenavn:** Energy Materials

**Hjemmeside:** <http://chem.au.dk/forskning/forskningsomraader/uorganiskkemi/energibaerende-materialer/>

**Keywords:**

Inorganic Chemistry,  
Nanomaterials,  
Synthesis of New Materials,  
Ion Conductors for Batteries,  
Hydrogen Storage



**Navn:** Troels Skrydstrup  
**Email:** ts@chem.au.dk  
**Gruppenavn:** Organic Synthesis

**Hjemmeside:** <http://www.skrydstrup-group.com>

**Keywords:**

Synthetic Organic Chemistry,  
Transition Metal Catalysis,  
Medicinal Chemistry,  
Carbon Dioxide Activation,  
Pharmaceutical Development



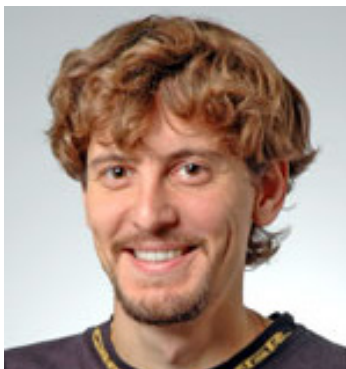
# Fysik



**Navn:** Aurelien Dantan  
**Email:** dantan@phys.au.dk  
**Gruppenavn:** Optomechanics

**Hjemmeside:** <http://phys.au.dk/forskning/forskningssomraader/atomar-molekylaer-og-optisk-fysik/optomechanics-group/>

**Keywords:**  
Optomechanics,  
Laser Cooling,  
Quantum Optics,  
Nanostructures,  
Thin Films



**Navn:** Bjørk Hammer  
**Email:** hammer@phys.au.dk  
**Gruppenavn:** Machine learning in Chemical Physics Group

**Hjemmeside:** <http://phys.au.dk/~hammer>

**Keywords:**  
Machine Learning,  
Quantum Mechanics,  
Python Programming,  
Evolutionary Algorithms,  
Structure Determination



**Navn:** Dmitri Fedorov  
**Email:** fedorov@phys.au.dk  
**Gruppenavn:** Atomic and Nuclear Few-Body Systems

**Hjemmeside:** <http://phys.au.dk/forskning/forskningssomraader/subatomic-physics/theory/>

**Keywords:**  
Theoretical Few-Body Physics,  
Cold Atomic Gases,  
Nuclear Physics,  
Numerical techniques,  
Efimov Physics



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**Gruppenavn:** Subatomic Physics

**Hjemmeside:** <http://phys.au.dk/forskning/forskningsomraader/subatomic-physics/>

**Keywords:**

Atomkerner,  
Acceleratorer,  
CERN,  
Kompleks Dataanalyse,  
Kerner og Stjerner



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**Gruppenavn:** XRING Group

**Hjemmeside:** <http://phys.au.dk/forskning/forskningsomraader/atomar-molekylaer-og-optisk-fysik/x-ring>

**Keywords:**

Molecular Physics,  
Atmospherical Physics,  
Ion Traps,  
Synchrotron Radiation,  
Non-Linear Classical Mechanics



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**Gruppenavn:** Medicinsk Fysik

**Hjemmeside:** <http://www.en.auh.dk/departments/departament-of-oncology/research/>

**Keywords:**

Clinical Tests,  
Dosimetry and Radiation Detection,  
Individualised Radiotherapy,  
Neural Networks,  
Particle and Photon Therapy



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**Gruppenavn:** Ultracold Quantum Gases Group

**Hjemmeside:** <http://phys.au.dk/forskning/uqgg/>

**Keywords:** Bose-Einstein Condensation,  
Many Particle Quantum Mechanics,  
Laser Cooling,  
Ultracold Quantum Gases,  
Few-Particle Physics



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**Gruppenavn:** ANS

**Hjemmeside:** [www.c14.dk](http://www.c14.dk)

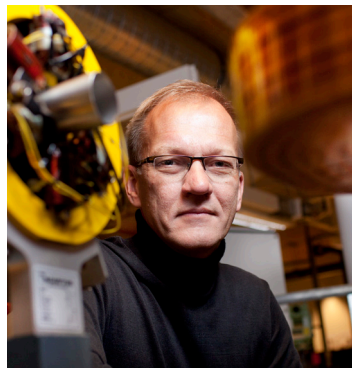
**Keywords:**  
Radiocarbon Dating Methods,  
Accelerator,  
Reconstructing Past Solar Activity,  
Oceanography,  
"Bomb Curve" Radiocarbon Dating



**Navn:** Lars Henrik Andersen  
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**Gruppenavn:** Molecular Physics

**Hjemmeside:** <http://phys.au.dk/forskning/forskningsomraader/atomar-molekylaer-og-optisk-fysik/molecular-physics/>

**Keywords:**  
Ion-Storage Rings,  
Molecules,  
ns and fs Laser Physics,  
Spectroscopy,  
Lifetimes



**Navn:** Marcel Mudrich  
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**Gruppenavn:** Cluster dynamics

**Hjemmeside:** <http://phys.au.dk/forskning/forskningsomraader/cluster-dynamics-group/>

**Keywords:**  
Cluster Physics,  
Helium Nanodroplets,  
Photoionization,  
Radiation Damage,  
Correlated Decay Processes



**Navn:** Martijn Heck  
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**Gruppenavn:** Photonic Integrated Circuits

**Hjemmeside:** <http://eng.au.dk/en/about-engineering/organisation/electrical-and-computer-engineering/photonic-integrated-circuits/>

**Keywords:**  
Photonics,  
Laser diodes,  
Photonic integration,  
Microwave photonics,  
Quantum optics



**Navn:** Martin Greiner  
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**Gruppenavn:** Sustainable Energy Systems

**Hjemmeside:** <http://eng.au.dk/en/about-engineering/organisation/mechanical-engineering/sustainable-energy-systems/>

**Keywords:**  
Highly Renewable Energy Systems,  
Complex Networks,  
Wind Energy,  
Turbulence,  
Socio-Economic Systems



**Navn:** Nikolaj Zinner  
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**Gruppenavn:** Few-Body Physics in a Many-Body World

**Hjemmeside:** <http://phys.au.dk/forskning/forskning-somraader/atomar-molekylaer-og-optisk-fysik/few-body-physics-in-a-many-body-world/>

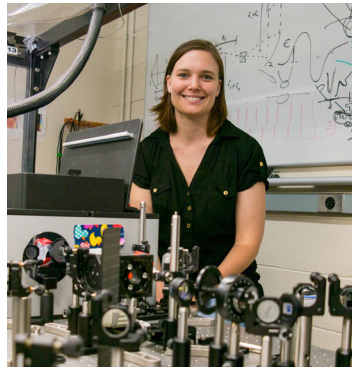
**Keywords:**  
Theoretical Quantum Physics,  
Strongly Interacting Systems,  
1D Spin Systems,  
Cold Atoms,  
Superconducting Circuits



**Navn:** Pernille Klarskov Pedersen  
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**Gruppenavn:** Terahertz Photonics

**Hjemmeside:** [http://pure.au.dk/portal/da/persons/id\(580fa662-2091-484b-9d49-34b1bf21183b\).html](http://pure.au.dk/portal/da/persons/id(580fa662-2091-484b-9d49-34b1bf21183b).html)

**Keywords:**  
Optics,  
Photonics,  
Lasers,  
Spectroscopy,  
Microscopy



**Navn:** Peter Balling  
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**Gruppenavn:** Semiconductor Group

**Hjemmeside:** <http://phys.au.dk/forskning/forskningsomraader/semiconductor/>

**Keywords:**  
Light - Matter Interaction,  
Semiconductor Physics,  
Ultrashort-Pulse Lasers,  
Solar Cells,  
Light-Based Radiation Dosimetry in 3D



**Navn:** Philip Hofmann  
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**Gruppenavn:** Experimental Condensed Matter

**Hjemmeside:** <http://philiphofmann.net/grouphome/home.html>

**Keywords:**

Condensed Matter Physics,  
Electronic Structure,  
Two-dimensional Materials,  
Topological Materials,  
Surface Physics



**Navn:** Steen Brøndsted  
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**Hjemmeside:** [http://pure.au.dk/portal/da/persons/steen-broendsted-nielsen\(67db18f8-27d2-4c50-837a-4226e851ea93\).html](http://pure.au.dk/portal/da/persons/steen-broendsted-nielsen(67db18f8-27d2-4c50-837a-4226e851ea93).html)

**Keywords:**

Photobiophysics,  
Luminescence Spectroscopy,  
Molecular Physics,  
Mass Spectroscopy,  
Light Harvesting



Geoscience

**Navn:** Christof Pearce  
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**Keywords:**  
Paleoceanography,  
Paleoclimate,  
Sea Ice,  
Arctic,  
Organic Geochemistry



**Navn:** Christoffer Karoff  
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**Gruppenavn:** iClimate

**Hjemmeside:** <http://iclimate.au.dk>

**Keywords:**  
Climate,  
Remote Sensing,  
Artificial Intelligence,  
Sun-Earth Connection,  
Solar-Stellar Connection



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**Gruppenavn:** Aarhus Cosmogenic Nuclide Group

**Hjemmeside:** <http://geo.au.dk/forskning/forskning-somraader/climate-environment/>

**Keywords:**  
Glaciers,  
Climate,  
Landscapes,  
Computing,  
Modelling





**Navn:** Esben Auken  
**Email:** esben.auken@geo.au.dk  
**Gruppenavn:** HydroGeophysics Group

**Hjemmeside:** <http://hgg.au.dk/>

**Keywords:**  
Hydrogeophysics,  
NMR,  
Transient Electromagnetics,  
Electric Resistivity Tomography,  
Groundwater Mapping



**Navn:** Hamed Sanei  
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**Gruppenavn:** Lithospheric Organic Carbon (L.O.C.);  
Total Research Chair Group

**Hjemmeside:** [http://pure.au.dk/portal/en/persons/hamed-sanei\(782c2b66-b589-41d6-a872-9354b026cfc8\).html](http://pure.au.dk/portal/en/persons/hamed-sanei(782c2b66-b589-41d6-a872-9354b026cfc8).html)

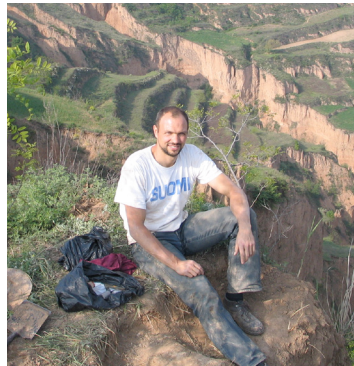
**Keywords:**  
Organic Matter,  
Energy,  
Environment,  
Geochemistry,  
Petroleum



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**Gruppenavn:** NLL

**Hjemmeside:** <http://geo.au.dk/en/research/research-centres/nll/>

**Keywords:**  
Geochronology,  
Luminescence Dating Methods,  
Loess,  
Palaeoclimate,  
Monsoon

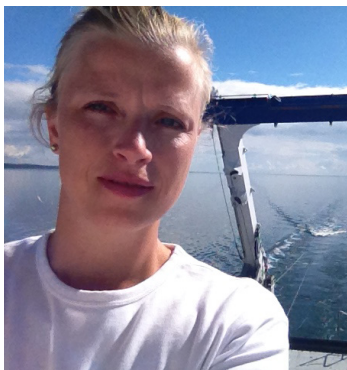


**Navn:** Katrine Juul Andresen  
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**Hjemmeside:** <http://pure.au.dk/portal/en/katrine.andresen@geo.au.dk>

**Keywords:**

High-Resolution Shallow Seismic and Acoustic Data,  
Paleolandscape Analysis,  
Geohazards,  
Seafloor Morphology,  
Offshore Windfarms



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**Gruppenavn:** Aarhus Isotope and Geochemistry Research platform (AGIR) and Earth System Petrology group (ESP)

**Hjemmeside:** <http://geo.au.dk/agir/> og <http://geo.au.dk/forskning/enheder-og-centre/Earth-System-Petrology/>

**Keywords:**

Trace Element and Isotope Geochemistry,  
Mineralogy,  
Laser Ablation ICPMS,  
Deep Earth Processes,  
Ore Formation

