

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

Posters på iNANO, foyer

Birgit Schjøtt.....	7
Brian Julsgaard.....	7
Brigitte Stadler.....	7
Daniel Otzen.....	8
Duncan Sutherland.....	8
Ebbe Sloth Andersen.....	8
Elena Ferapontova.....	9
Henrik Birkedal.....	9
Jan Skov Pedersen.....	9
Jeppe Lauritsen.....	10
Jørgen Kjems.....	10
Ken Howard.....	10
Kim Daasbjerg.....	11
Liv Hornekær.....	11
Mingdong Dong.....	11
Morten Foss.....	12
Nina Lock.....	12
Poul Nissen.....	12
Rikke Meyer.....	13
Open Science.....	13
Thomas Vosegaard.....	13
Trolle Rene Linderøth.....	14
Victoria Birkedal.....	14

Posters på Kemi, Aud VI

Alexander Zelikin.....	16
Anders Lindhardt.....	16
Bo Brummerstedt Iversen.....	16
Frank Jensen.....	17
Frans Mulder.....	17
Henrik Helligsø Jensen.....	17
Henrik Stapelfeldt.....	18
Jacob Overgaard.....	18
Jens-Erik Jørgensen.....	18
Jørgen Skibsted.....	19
Karl Anker Jørgensen.....	19
Kurt Gothelf.....	19
Marianne Glasius.....	20
Martin Bremholm.....	20
Merete Bilde.....	20
Mogens Christensen.....	21
Ove Christiansen.....	21
Peter R. Ogilby.....	21
Thomas Poulsen.....	22
Tobias Weidner.....	22
Torben R. Jensen.....	22
Troels Skrydstrup.....	23

Posters på Fysik, 1525-626

Aurelien Dantan.....	25
Bjørk Hammer.....	25
Dmitri Fedorov.....	25
Hans Fynbo.....	26
Henrik Pedersen.....	26
Karsten Riisager.....	26
Jan Arlt.....	27
Jesper Olsen.....	27
Lars Henrik Andersen.....	27
Marcel Mudrich.....	28
Martijn Heck.....	28
Martin Greiner.....	28
Nikolaj Zinner.....	29
Pernille Klarskov Pedersen.....	29
Peter Balling.....	29
Philip Hofmann.....	30
Steen Brøndsted Nielsen.....	30

Posters på Gescience, foyer

Christof Pearce.....	32
Christoffer Karoff.....	32
David Egholm.....	32
Esben Auken.....	33
Hamed Sanei.....	33
Jan-Pieter Buylaert.....	33
Katrine Juul Andresen.....	34
Thomas Ulrich.....	34

iNANO

Navn: Birgit Schiøtt
Email: Birgit@chem.au.dk
Gruppenavn: Biomodelling Group

Hjemmeside: <http://chem.au.dk/forskning/forskningsomraader/teoretisk kemi/biomodelling/>

Keywords:

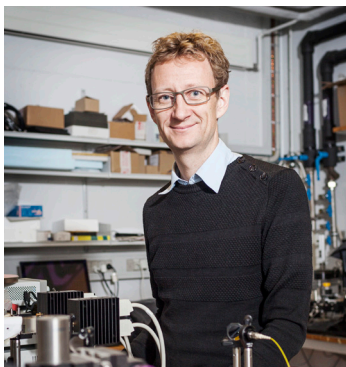
Computer Simulations,
Modelling of Biological Systems,
Biochemistry,
Drug Discovery,
Neurological Diseases



Navn: Brian Julsgaard
Email: brianj@phys.au.dk
Gruppenavn: Semiconductor Group

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

Keywords:

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



Navn: Duncan Sutherland
Email: duncan@inano.au.dk
Gruppenavn: Nanobiointerfaces Group

Hjemmeside: nanobiointerfaces.dk

Keywords:

Biointerfaces,
Cells,
Proteins,
Plasmonics,
Nanomaterials

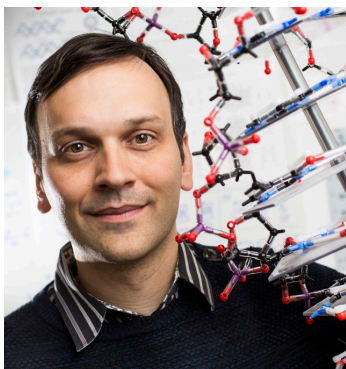


Navn: Ebbe Sloth Andersen
Email: esa@inano.au.dk
Gruppenavn: Biomolecular Design

Hjemmeside: 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

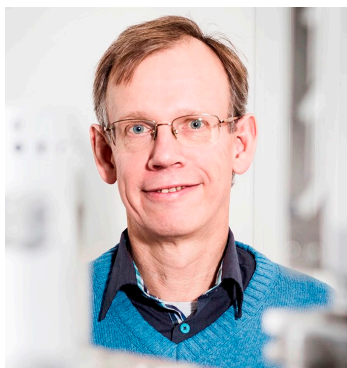


Navn: Jan Skov Pedersen
Email: jsp@chem.au.dk
Gruppenavn: Soft Matter Group

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

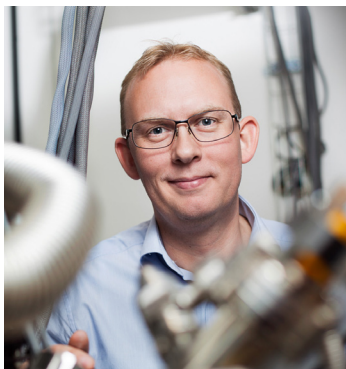


Navn: Jeppe Lauritsen
Email: jvang@inano.au.dk
Gruppenavn: Nanocatalysis Group

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



Navn: Ken Howard
Email: kenh@inano.au.dk
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 (CO₂),
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

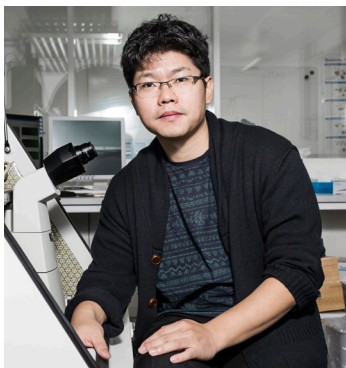


Navn: Mingdong Dong
Email: dong@inano.au.dk
Gruppenavn: BIO-SPM group

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

Keywords:

Scanning Probe Microscopy,
Novel Nanomaterials,
Molecular Self-Assembly



Navn: Morten Foss

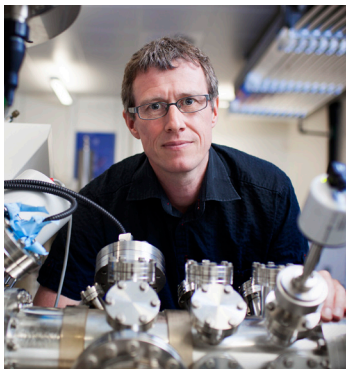
Email: foss@inano.au.dk

Gruppenavn: Biomedical Surface Group

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

Gruppenavn: Hybrid Materials Lab

Hjemmeside: <http://inano.au.dk/about/research-groups/hybrid-materials-lab-nina-lock/>

Keywords:

Photocatalysis,
Water Splitting,
CO₂ 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

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



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

Hjemmeside: 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

Keywords:
NMR,
Lipidomics,
Protein Structure,
Software

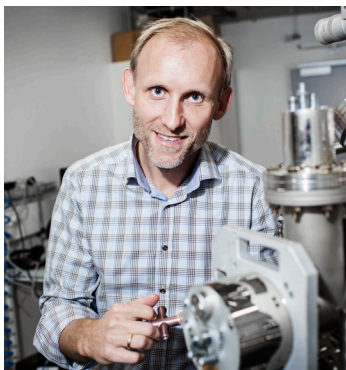


Navn: Trolle Rene Linderoth
Email: trolle@inano.au.dk
Gruppenavn: Surface self-assembly and reactions

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



Navn: Victoria Birkedal
Email: vicb@inano.au.dk
Gruppenavn: Single Molecule Biophysics and Chemistry

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

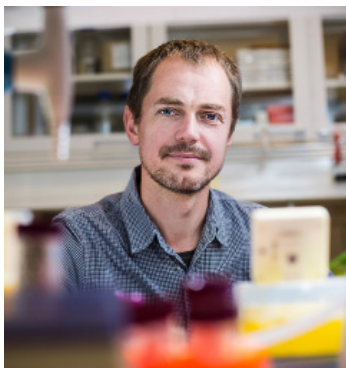


Navn: Alexander Zelikin
Email: zelikin@chem.au.dk
Gruppenavn: Medicinal Polymer Chemistry Lab

Hjemmeside: 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

Keywords:

Flow Chemistry,
Organic Synthesis,
Method Development,
Homogeneous Catalysis



Navn: Bo Brummerstedt Iversen
Email: bo@chem.au.dk
Gruppenavn: Materials crystallography

Hjemmeside: 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
Email: frj@chem.au.dk
Gruppenavn: Computational Chemistry

Hjemmeside: <http://chem.au.dk/forskning/forskningsomraader/teoretisk kemi/biomodelling/>

Keywords:
Kvantemekanik,
Force Field,
Molekylær Modellering,
Kemiske Reaktioner,
Metode Udvikling



Navn: Frans Mulder
Email: fmulder@chem.au.dk
Gruppenavn: Bio NMR

Hjemmeside: nmr.au.dk og www.protein-nmr.org

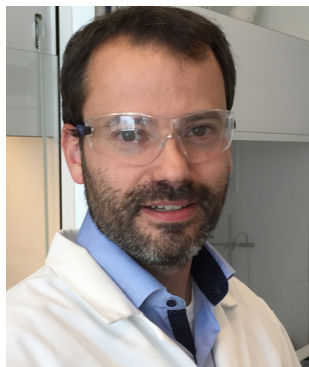
Keywords:
NMR,
Biophysics,
Chemistry,
Nano,
Science



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

Hjemmeside: <http://chem.au.dk/forskning/forskningsomraader/organisk kemi/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/fysiskkemi/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

Keywords:

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



Navn: Jens-Erik Jørgensen
Email: jenserik@chem.au.dk
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



Navn: Karl Anker Jørgensen
Email: kaj@chem.au.dk
Gruppenavn: Catalysis

Hjemmeside: Catalysis.au.dk

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



Navn: Kurt Gothelf
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



Navn: Mogens Christensen
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



Navn: Ove Christiansen
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

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



Navn: Thomas Poulsen
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



Navn: Tobias Weidner
Email: weidner@chem.au.dk
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

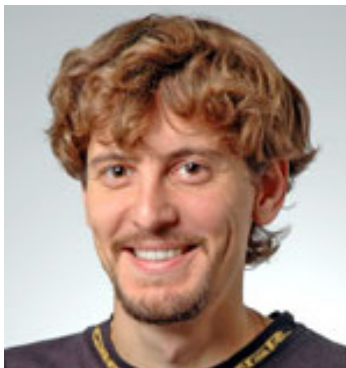


Fysik

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

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

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



Navn: Hans Fynbo
Email: fynbo@phys.au.dk
Gruppenavn: Subatomic Physics

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

Keywords:

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



Navn: Henrik Pedersen
Email: hbp@phys.au.dk
Gruppenavn: XRING Group

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

Keywords:

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



Navn: Karsten Riisager og Jacob G. Johansen
Email: kvr@phys.au.dk og jgj@oncology.au.dk
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



Navn: Jan Arlt
Email: arlt@phys.au.dk
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



Navn: Jesper Olsen
Email: jesper.olsen@phys.au.dk
Gruppenavn: ANS

Hjemmeside: www.c14.dk

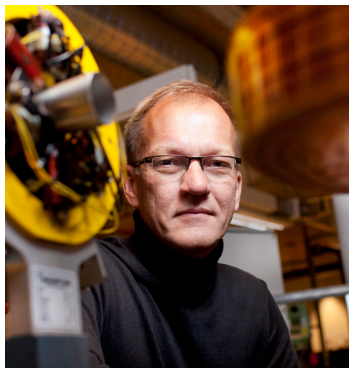
Keywords:
Radiocarbon Dating Methods,
Accelerator,
Reconstructing Past Solar Activity,
Oceanography,
"Bomb Curve" Radiocarbon Dating



Navn: Lars Henrik Andersen
Email: lha@phys.au.dk
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
Email: mudrich@phys.au.dk
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
Email: mheck@eng.au.dk
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
Email: greiner@eng.au.dk
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

Email: zinner@phys.au.dk

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

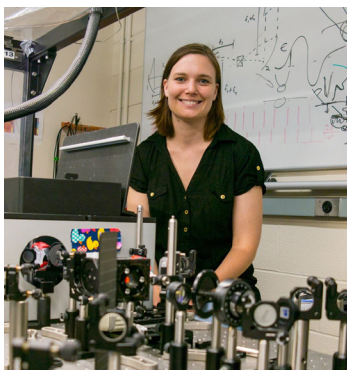
Email: klarskov@eng.au.dk

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

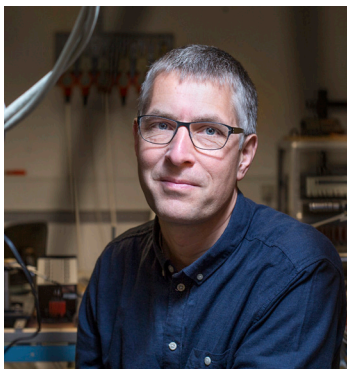
Email: balling@phys.au.dk

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
Email: philip@phys.au.dk
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
Email: sbn@phys.au.dk
Gruppenavn: Experimental Quantum Biophysics Group

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

Email: christof.pearce@geo.au.dk

Gruppenavn: Arctic Biomarkers & Climate Laboratory

Hjemmeside: au.dk/en/christof.pearce@geo

Keywords:

Paleoceanography,
Paleoclimate,
Sea Ice,
Arctic,
Organic Geochemistry



Navn: Christoffer Karoff

Email: karoff@phys.au.dk

Gruppenavn: iClimate

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

Keywords:

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



Navn: David Egholm

Email: david@geo.au.dk

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
Email: sanei@geo.au.dk
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



Navn: Jan-Pieter Buylaert
Email: jan-pieter.buylaert@geo.au.dk
Gruppenavn: NLL

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

Keywords:

Geochronology,
Luminescence Dating Methods,
Loess,
Palaeoclimate,
Monsoon



Navn: Katrine Juul Andresen

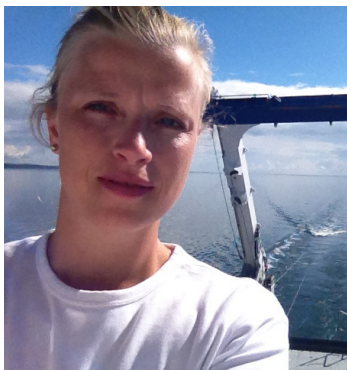
Email: katrine.andresen@geo.au.dk

Gruppenavn: Marine geoscience and geophysics

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



Navn: Thomas Ulrich

Email: thomas.ulrich@geo.au.dk

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

