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Boldt, Henning B., Characterization of individual domains in PAPP-A

Holm, Allan Hjarbæk, Base-induced Reactions

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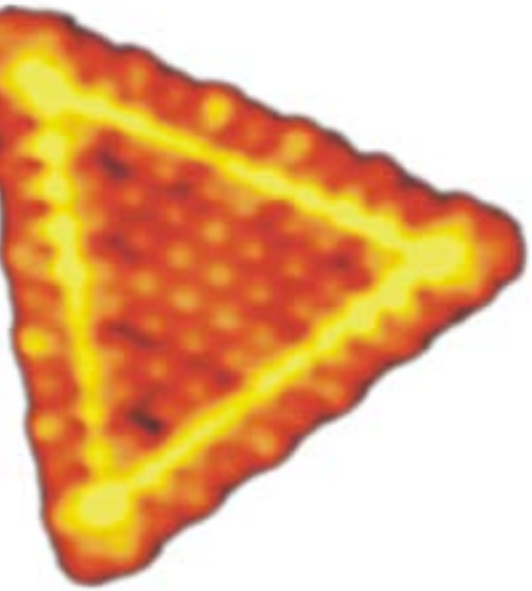

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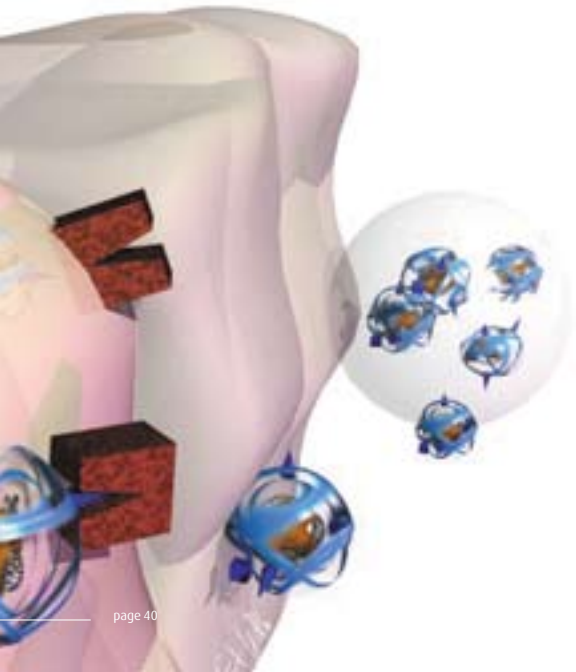

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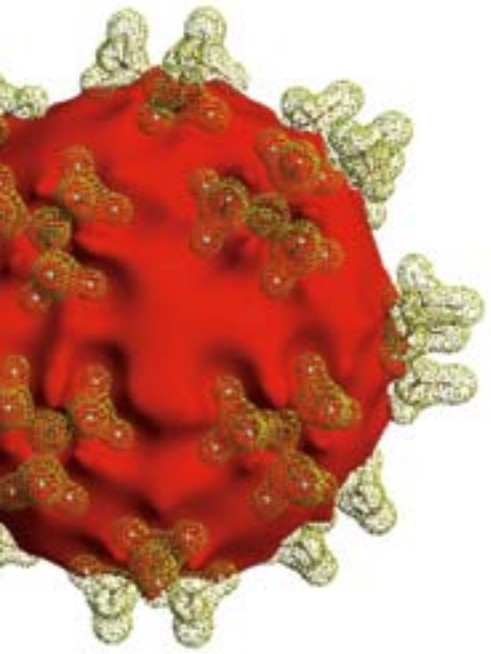

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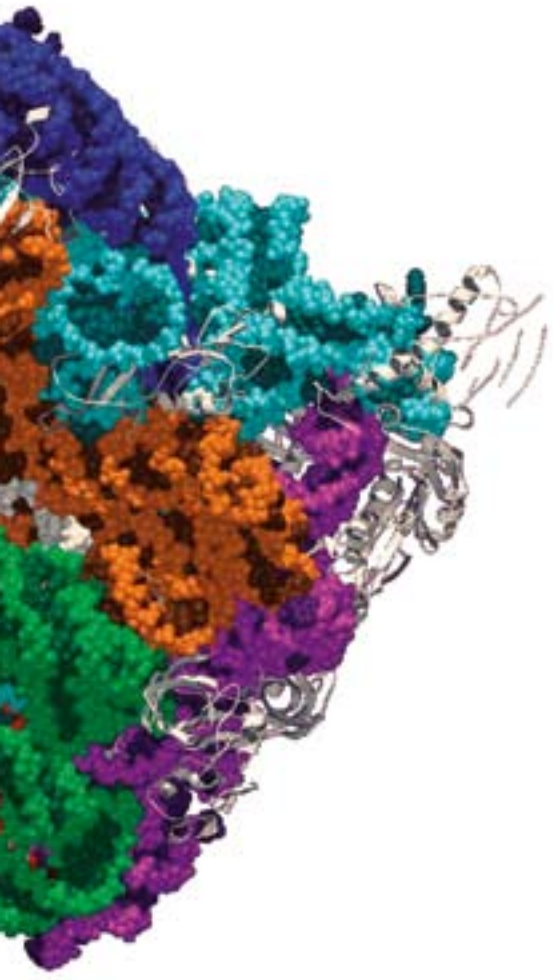

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Awards and Patents

Awards

Angela Fago, Novo Nordisk Fonden: Kilder til NO i hypoxiske vasodilatation

Angela Fago, Danish Natural Science Research Council: Novel functions in globin proteins: physiological, evolutionary and biomedical applications (co-applicant with Roy Weber, UA, and Frank B. Jensen, SDU)

H. Ito, M. Koefoed, P. Tiyapatanaputi, K. Gromov, J. Goater, J. Carmouche, X. Zhang, P. Rubery, T. Nakamura, K. Søballe, R. O´Keefe, E. Schwarz, Remodeling of cortical bone allografts mediated by adherent rAAV-RANKL and VEGF gene therapy, Kappa Delta award, ORS 2005

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T.V. Jakobsen, S. Kold, J.E. Bechtold, B. Elmengaard, K. Søballe, Topical bisphosphonate treatment increases fixation of implants inserted with bone compaction. 12 weeks canine study; Best Poster Award, Dansk Ortopædisk Selskab, Forårsmøde 2005

Patents

F. Besenbacher, M. Foss, M.R. Duch, F.S. Pedersen: BioStructure Surface Arrays, application number PA 2005 00610 and US 60/675096, April 2005

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J.C. Jensenius, S. Thiel, T. Vorup-Jensen: Recombinant human mannan-binding lectin (Explanatory title: Synthesis of recombinant human mannan-binding lectin similar to natural mannan-binding lectin). PCT (PCT/DK00/000246);USA patent application no. 09/568.143; Priority: DK, 140599
Under review

Jan J. Enghild: Inhibition of TAFI zymogen (P1134DK01), Filed 24.11.05

T. A. Steitz, P. B.Moore, N. Ban, P. Nissen, J. Hansen, J. A. Ippolito: Modulators of ribosomal function and identification thereof, US patent 6,952,650

T. A. Steitz, P. B.Moore, J. A. Ippolito, N. Ban, P. Nissen, J. Hansen: Method of identifying molecules that bind to the large ribosomal subunit, US patent 6,947,845

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T. A. Steitz, P. B.Moore, N. Ban, P. Nissen, J. Hansen: Crystals of the large ribosomal subunit, US patent 6,939,848

Invited Talks

Peter Andreasen, A novel type of synthetic inhibitor of urokinase-type plasminogen activator isolated from a phage-displayed peptide library, Xth International Workshop on Molecular and Cellular Biology of Plasminogen Activation, Washington, USA

Peter Andreasen, Non-covalent interactions of serpins with pro-uPA suggest novel mechanisms of regulation, Xth International Workshop on Molecular and Cellular Biology of Plasminogen Activation, Washington, USA

Peter Andreasen, PAI-1 as a potential therapeutic target in cancer, 4th International Symposium of Serpin Biology, Structure and Function, Cairns, Australia

Flemming Besenbacher, Influence of Oxygen Vacancies on Surface and Interface Reactions on the Rutile TiO2(110) Surface, IWOX 4 (Fourth International Workshop on Oxide Surfaces), Aussois, France

Flemming Besenbacher, Dynamics processes at surfaces studied by high-resolution, fast-scanning STM, Gordon Conference: Chemical Reactions At Surfaces, Ventura, USA

Flemming Besenbacher, Dynamics of nanostructures on surfaces revealed by high-resolution, fast-scanning STM, UK's Annual Scanning Probe Microscopy Meeting, Coventry, England

Flemming Besenbacher, Dynamics and self-assembly of organic molecules on surfaces revealed by high-resolution, fast-scanning STM, Conference on Atoms and Molecules near Surfaces, Heidelberg, Germany

Flemming Besenbacher, Catalysis and surface reactivity at the atomic scale studied by high-resolution STM, North American Catalysis Society, 19th North American Meeting, Philadelphia, USA

Flemming Besenbacher, Dynamics of nanostructures on surfaces revealed by high-resolution, fast-scanning STM, CeNS, München, Germany

Flemming Besenbacher, Catalysis and surface reactivity at the atomic scale studied by high resolution STM, ISSSC15, Cardiff, England

Flemming Besenbacher, Dynamics and self-assembly of organic molecules on surfaces revealed by high-resolution, fast-scanning STM, ESF Research Conference on Biological Surfaces and Interfaces, San Feliu de Guixols, Spain

Flemming Besenbacher, Dynamics of nanostructures on surfaces revealed by high-resolution, fast-scanning STM, Lawrence Berkeley National Laboratories, Berkeley, USA

Flemming Besenbacher, Molecular Self-assembly of DNA Bases and Molecular Recognition in 2D Binary Mixtures of DNA-Base Molecules Studied by high resolution STM, International Conference on Bio-Nano-Informatics Fusion, California, USA

Flemming Besenbacher, Nano-scale Design of New Catalysts Based on Fundamental Insight into Surface Reactivity at the Atomic Scale, Microscopy Society of America (MSA) convention, Honolulu, Hawaii, USA

Flemming Besenbacher, Dynamics and self-assembly of organic molecules on surfaces revealed by high-resolution, fast-scanning STM, European Congress on Biotechnology, Copenhagen, Denmark

Flemming Besenbacher, Catalysis and surface reactivity at the atomic scale studied by high resolution STM, 8th International Conference on Non-Contact Atomic Force Microscopy, Bad Essen, Germany

Flemming Besenbacher, High-resolution, high-pressure STM studies of model catalysts ECOSS23, Berlin, Germany

Flemming Besenbacher, Dynamics of nanostructures on surfaces revealed by high-resolution, fast-scanning STM, EMAG, Leeds, England

Flemming Besenbacher, Dynamics of nanostructures on surfaces revealed by high-resolution, fast-scanning STM, TNT2005, Oviedo, Spain

Flemming Besenbacher, Storage of hydrogen using complex metallic hydrides
Hydrogen Technology Seminar, Copenhagen, Denmark

Flemming Besenbacher, Nanoscience research at University of Aarhus and industrial perspectives, Temadag Nanotechnology and Health, Copenhagen, Denmark

Flemming Besenbacher, Nanoteknologi, DTU, Copenhagen, Denmark

Flemming Besenbacher, Nanoteknologi, Erhvervsakademi Roskilde, Roskilde, Denmark

Flemming Besenbacher, Introduktion til Nanoteknologi: fra Nanoscience til Nanoteknologi og Funktionelle nanomaterialer: materialer med nye egenskaber, iNANO, Aarhus Universtitet, Aarhus, Denmark

Flemming Besenbacher, From Nanoscience to Nanotechnology, and its impact on society in general and biocompatibility in particular in the 21st century, DSOI Annual Meeting 2005, Hotel Munkebjerg, Vejle, Denmark

Flemming Besenbacher, High-Resolution Scanning Tunneling Microscopy Studies of Surface Reactions on Rutile TiO2 (110),AVS 52nd International Symposium & Exhibition, Hynes Convention Center, Boston, USA

Flemming Besenbacher, Dynamics of Nanostructures on Surface Revealed by High-Resolution, Fast-Scanning STM, Complutense International Meeting "Science and Society" on Nanoscience, Facultad de Ciencias Físicas, UCM, Madrid, Spain

Henrik Birkedal, Assembly and Nanomechanics of Collagen Type II, Materials Research Society 2005 Fall Meeting, Boston, USA

Henrik Birkedal, Nature's materials: structures, properties and inspiration, Materials Department,

Invited Talks

École Polytechnique Fédérale de Lausanne (EPFL), Lausanne, Switzerland

Henrik Birkedal, The effects of strontium on one ultrastructure: insights from laboratory scanning mall angle X-ray scattering (sSAXS), Baltic Bone and Cartilage Conference 5, Naantali, Finland

Henrik Birkedal, A zinc bite with a halogen smile, Yearly meeting of the Danish Chemical Society, University of Southern Denmark, Odense, Denmark

Henrik Birkedal, Insights into Nature's Materials from Scanning SAXS/WAXS, 35th Danish Crystallography Meeting & 7th DANSYNC Meeting, Sandbjerg Estate, Denmark

Henrik Birkedal, On Bites and Bones: Examples of Natures Materials, iNANO, University of Aarhus, Denmark

Henrik Birkedal, A halogen smile: Br and I in the jaws of Nereis, a marine worm, Materials Research Society 2005 Spring Meeting, San Francisco, USA

Sergey I. Bozhevolnyi, Channel plasmon polariton guiding by subwavelength metal grooves The MRS 2005 Fall Meeting, Symposium "Plasmonics – Nanoscale Optics and Photonics Based on Metals", Boston, Massachusetts, USA

Sergey I. Bozhevolnyi, Nanoscale Manipulation and Mega-Enhancement of Light - Utilizing Surface Plasmons, The MRS 2005 Fall Meeting, Symposium "Plasmonics – Nanoscale Optics and Photonics Based on Metals", Boston, Massachusetts, USA

Sergey I. Bozhevolnyi, Nanoscale light manipulation via surface plasmons, Seminar at Laboratoire des Nanostructures, ISIS, Université Louis Pasteur, Strasbourg, France

Sergey I. Bozhevolnyi, Plasmonic nanophotonics: Nanoscale light manipulation via plasmons, Seminar at the FOM-Institute for Atomic and Molecular Physics (AMOLF), Amsterdam, The Netherlands

Sergey I. Bozhevolnyi, Thermo-optic devices utilizing long-range surface plasmon polaritons, Surface Plasmon Photonics 2, Graz, Austria

Sergey I. Bozhevolnyi, Polaritonics: photonics based on surface plasmon polaritons, 35th Winter Colloquium on The Physics of Quantum Electronics Snowbird, Utah, USA

Cody Bünger, Nanoscience and Orthopaedics, Egypcian Ortopaedic Association, Cairo, Egypt

Cody Bünger, Management of bone metastases, GSTSG, London, England

Cody Bünger, Severe spinal deformaties, surgical strategies, Budapest, Hungary

Cody Bünger, Outcomes following treatment of scoliosis, triannual congress, SICOT, Istanbul, Turkey

Niels Egede Christensen, Electronic structure of GaAs(1-x)N(x) and SnO under pressure, Study of Matter at Extreme Conditions SMEC, Miami, USA

Niels Egede Christensen, Ab initio calculations of excitons in GaN, Excited-state properies of solids, Mannheim, Germany

Niels Egede Christensen, Excitons in GaN, First Meeting of the North-European Nitride Consortium,Warsaw, Poland

Niels Egede Christensen, Alkali metals under pressure: New Phases, New Properties, 90 ann. Reunion Nacional de Fisica, La Plata, Argentina

Niels Egede Christensen, Ab initio calculations of optical properties including e-h correlations, Ab-initio Solid State Calculations, La Plata, Argentina

Kim Daasbjerg, Covalent Modification of Glassy Carbon by Grafting of Alkynyl and Aryl Radicals by Electrochemical Reduction of Iodonium Salts, 1st ECHEMS Meeting: Electrochemistry in Nanosciences Isola di San Servolo, Venice, Italy

Kim Daasbjerg, Elucidation of Reaction Mechanisms and Modification of Surfaces using Electrochemical Methodologies, University of Padova, Padova, Italy

Kim Daasbjerg, Elucidation of Reaction Mechanisms and Modification of Surfaces using Electrochemical Methodologies, University of Copenhagen, Denmark

Francesco d'Amore, New insights in the biology, prognosis and management of diffuse large B-cell lymphoma (DLBCL) and follicular lymphoma (FL), Egyptian Cancer Society, Cairo, Egypt

Francesco d'Amore, Clinico-pathologic features, prognostic factors and new treatment options in peripheral T-cell lymphomas (PTCL), Egyptian Cancer Society, Cairo, Egypt

Francesco d'Amore, Zevalin-based radioimmunotherapy of NHL: potential future indications, European Workshop on Radioimmunotherapy, London, England

Francesco d'Amore, New strategies in the management of peripheral T-cell lymphomas, Hematology-Oncology Research Meeting, University of Nebraska Medical Center, Omaha, Nebraska, USA

Francesco d'Amore, New antibody treatments in peripheral T-cell lymphomas: an update on safety and efficacy, International Workshop on Non-Hodgkin Lymphomas, Florida, USA

Lars Diekhöner, Magnetic nanostructures and single atoms: What a couple!, Seminar, Max-Planck-Institut für Mikrostrukturphysik, Halle, Germany

Lars Diekhöner, Nanovidenskab og –teknologi, Foredrag for Rotary-klubben, Nørresundby, Denmark

Lars Diekhöner, Nanovidenskab og –teknologi, Foredrag for Rotary-klubben, Aalborg Øst, Denmark

Jan Johannes Enghild, Thrombin activatable fibrinolysis inhibitor (TAFI),Sanofi-Aventis, Frankfurt, Germany

Angela Fago, Hemoglobin as a (glutathione-dependent?) nitrite reductase: a vasodilation study, International Minisymposium What's New in Oxygen Binding Heme Proteins and Red Blood Cell Physiology, Aarhus, Denmark

Morten Foss, Biocompatibility- from proteins to tissue, EURONANOFORUM2005 Nanotechnology and the health of the EU Citizen in 2020, EICC, Edinburgh, Scotland

Kurt Gothelf, DNA-Programmed Assembly of Organic Nanostructures, University of Southern Denmark, Denmark

Kurt Gothelf, DNA-Programmed Assembly of Organic Nanostructures, KAIST, Korea

Kurt Gothelf, Molecular self-assembly, iNANO Autumn School, Denmark

Kurt Gothelf, Molecular self-assembly, iNANO Seminar, Denmark

Bjørk Hammer, Adsorbate-Induced Alloy Phase Separation: CO/Au/Ni(111), Institut Seminar, Sweden.

Bjørk Hammer, Catalysis at three-phase boundaries, 229th ACS National Meeting, San Diego, USA

Bjørk Hammer, Functionalizing metal surfaces, SFB seminar, Ulm, Germany

Bjørk Hammer, Oxidized Pt surfaces and their reactivity, 89th International Bunsen Discussion Meeting, Hennesee, Germany

Bjørk Hammer, Special sites at oxide supported metal clusters: Au/TiO2 or MgO, Brookhaven National Lab, seminar, Upton, NY, USA

Bjørk Hammer, Theoretical modelling of surface properties after exposure to high pressures of light gasses, Stuttgart, Germany

Philip Hofmann, The Direct Measurement of Surface Conductivity: Si(111)-7x7, 23rd European Conference on Surface Science, Berlin, Germany

Hans J. Jakobsen, Structure Refinement of CsNO3 by Coupling of N-14 MAS NMR Experiments with WIEN2k DFT Calculations, the 26th Danish NMR Meeting', Bautahøj Conference Centre, Denmark

Hans J. Jakobsen, Solid-State N-14 MAS NMR Spectroscopy, the 27th International Confernce on Science and Technology, Praque, the Czech Republic

Torben Heick Jensen, Connections between transcription, mRNP assembly and quality control in S. cerevisiae, ELSO 2005, Dresden, Germany

Torben Heick Jensen, Characterization of transcription site-associated mRNP retention in Saccharomyces cerevisiae, RNA 2005, Banff, Canada

Torben Heick Jensen, mRNP assembly and nuclear export, Gif sur Yvette, Paris, France

Torben Heick Jensen, NUCLEAR BIOGENESIS OF mRNP IN YEAST, ESF EURODYNA (mRNA biogenesis), Lissabon, Portugal

Torben Heick Jensen, NUCLEAR BIOGENESIS OF mRNP IN YEAST, NorFA 2005, RNA biology, University of Aarhus, Denmark

Torben Heick Jensen, Quality Control of Gene Expression - RNA Surveillance (RNAQuality), EUROCORES prep. call for RNAQuality, Brussels, Belgium

Torben R. Jensen, In situ X-ray scattering, investigation of hydrogen storage materials, Hot-topic talk at H-Workshop 2005, The 361. WE-Heraeus-Seminar on Hydrogen Storage with Novel Nanomaterials, Bad Honnef, Germany

Torben R. Jensen, renewable energy and hydrogen society, Dept. of chemistry, AU, Aarhus, Denmark

Torben R. Jensen, Solid State hydrogen storage - investigated by in situ powder diffraction, 35th Danish Crystallography Meeting & 7th DANSYNC Meeting, Sandbjerg Estate, Denmark

Torben R. Jensen, Vedvarende energisystemer - hvorledes hydrogen kan gemme vind og sol energi, Kulturhus Sløjfen, Hadsten, Denmark

Torben R. Jensen, renewable energy and hydrogen society, Denmark

Torben R. Jensen, Nano er vejen til hydrogen samfundet, forskningens døgn, AU, iNANO, Aarhus, Denmark

Torben R. Jensen, Hydrogen samfundet, Kystcentret Thyborøn, Denmark

Torben R. Jensen, renewable energy and hydrogen society, Dept. of chemistry, AU, Aarhus, Denmark

Torben R. Jensen, Hydrogen-samfundet - et nyt energisystem, Jydsk Selskab for Fysik og Kemi, Kemisk Institut, Aarhus Universitet, Aarhus, Denmark

Torben R. Jensen, Hydrogen-samfundet, Dept. of Chemistry, University of Aarhus, Aarhus, Denmark

Jørgen Kjems, Bionanotechnology at iNANO, 15.03.2005, Odense, Denmark

Jørgen Kjems, ESF meeting on Functional Genomics and Disease, Nanoparticles, Oslo, Norway

Jørgen Kjems, HIV, Ungdommens Naturvidenskabelige Forening (UNF), Århus, Denmark

Jørgen Kjems, Hidden HIV, University of Amsterdam, Amsterdam, the Netherlands

Jørgen Kjems, Identification of targets in viral treatment, IGMM-CNRS, Montpellier, France

Jørgen Kjems, RNAi, DFU, Copenhagen, Denmark

Jørgen Kjems, Target selection and in vivo delivery of oligonucleotides, Santaris Pharma A/S, Copenhagen, Denmark

Jørgen Kjems, siRNA delivery, Science policy decision meeting, Helsinki, Finland

Jørgen Kjems, siRNA delivery, Santaris Pharma A/S, Copenhagen, Denmark

Jørgen Kjems, Controlling intracellular trafficking of siRNA and Plasmids using polymeric nanocarrier systems, Fluorescent proteins in drug discovery and bioimaging, San Diego, USA

Jørgen Kjems, Drug delivery, Frontiers meeting on nanobiotechnology, Karlsruhe, Germany

Jørgen Kjems, ESF Forward look on Nanomedicine, Strassbourg, France

Jørgen Kjems, IT in drug discrovery, Aarhus, Denmark

Jørgen Kjems, RNA splicing in HIV-1, EURODYNA Meeting, Institute of Molecular Medicine, Faculty of Medicine, Lisbon University, Lisbon, Portugal

Jørgen Kjems, RNAi, ECB 12 on Biotechnology, DTU, Copenhagen, Denmark

Jørgen Kjems, RNAi technologies, EU-RIGHT meeting, Mallorca, Spain

Jørgen Kjems, Small interfering RNA delivery and gene silencing using polymeric nanocarrier systems, ESF conference, Oslo, Norway

Invited Talks

Jørgen Kjems, Structure determination of HIV leader RNA by Atomic Force Microscopy and Small-Angle X-ray Scattering, RNA Society Meeting, Banff, Canada

Martin Kristensen, Achievements of the GLAMOROUS project on poling, BGPP, Sydney, Australia

Martin Kristensen, Crystal waveguide components approaching maturity for applications, photonic crystal workshop, Sydney, Australia

Martin Kristensen, Recent Advances in Poled Optical Fibres, IEEE-LEOS WFOPC Conference

Arne Nylandsted Larsen, Capacitance-transient spectroscopy on irradiation-induced defects in germanium, The 2nd ASPECT Workshop, Warsaw, Poland.

Arne Nylandsted Larsen, The effect of biaxial strain on impurity diffusion in Si and Sige, E-MRS Spring Meeting, Strasbourg, France

Arne Nylandsted Larsen, n+p-Ge diodes and irradiation induced defects, UMICORE Workshop, Bruxelles, Belgium.

Jeppe Vang Lauritsen, POINT-DEFECT AND ADSORBATE IDENTIFICATION ON TIO2 BY NC-AFM, 13th International Conference on Scanning Tunneling Microscopy/Spectroscopy and Related Techniques (STM'05), Sapporo, Japan

Jeppe Vang Lauritsen, Studies of model catalyst by scanning probe microscopy, Helsinki University of Technology, Finland

René Trolle Linderoth, Ordering and Dynamics for a family of oligo(phenylen ethynylene)s on Au(111) studied by UHV-STM,Molecular Nano-Machines: Research Conference within the european RTN network AMMIST, Les Houches, France

René Trolle Linderoth, Organic molecules at surfaces studied by high-resolution STM, Symposium on Molecular Imaging and Characterization, Montreal, Canada

René Trolle Linderoth, Dynamics of nanostructures on surfaces revealed by high-resolution, fast-scanning STM, Trends in Nanoscience: Structure and Functions, 2005, Kloster Irsee, Germany

René Trolle Linderoth, Dynamics of organic molecules on surfaces studied by Scanning Tunnelling Microscop, Research network meeting on ÐMolecular switchesÐ, Freies Universität Berlin, Germany

Erik Lægsgaard, Piezoeffekten og dens anvendelse i industrielle og dagligsdagsprodukter Anvendte transducer- og sensormaterialer, Odense, Danmark

Brian Bech Nielsen, Hydrogen in group-IV semiconductors and its interaction with defects, International Symposium on Hydrogen in Matter (ISOHIM 2005) Uppsala, Sweden

Niels Chr. Nielsen, Numerical Simulations and Tools for Biological Solid-State NMR, International Symposium: Recent Trends in Solid-State NMR in Biological Systems, Bangalore, India

Niels Chr. Nielsen, Design of Experiments of Biological Solid-State NMR using Optimal Control Theory and Exact Effective Hamiltonian Theory, International Symposium: Recent Trends in Solid-State NMR in Biological Systems, Bangalore, India

Niels Chr. Nielsen, Towards the Study of Integral Membrane Proteins using Solid-State NMR Spectroscopy, Symposium on Bio-Surfaces, Hamburg, Germany

Niels Chr. Nielsen, The use of optimal control theory for systematic design of solid-state NMR experiments with improved performance, EUROMAR EENC 2005, Veldhoven, The Netherlands

Niels Chr. Nielsen, New methods for Biological solid-state NMR Designed using Optimal control and other strategies, New Solid-State NMR Methods and Structural Characterization of Materials, Indo-French Workshop, Pune, India

Niels Chr. Nielsen, Oriented-Sample Solid-State NMR on Peptides and Large Membrane Proteins, New Solid-State NMR Methods and Structural Characterization of Materials, Indo-French Workshop, Pune, India

Niels Chr. Nielsen, Applications of Optimal Control Theory for the Design of Improved Solid-State NMR Experiments, Rocky Mountain Conference on Analytical Chemistry, Denver, Colorado, USA

Niels Chr. Nielsen, Applications of Optimal Control Theory for the Design of Improved Solid-State NMR Experiments, Francis Bitter National Magnet Laboratory Seminar, M.I.T., Cambridge, Massachussetts, USA

Niels Chr. Nielsen, Solid- and Liquid-State NMR as a Probe for BioNanoTechnology, 3rd iNANO Autumnschool, Fuglsøcentret, Denmark

Niels Chr. Nielsen, Optimal Control Theory for the Design of Solid-State NMR Experiments & Oriented Sample Solid-State NMR on Membrane Proteins, J. W. Goethe Universität, Frankfurt, Germany

Niels Chr. Nielsen, Solid-State NMR and Functional Characterization of Proteins in 'Insoluble'Biological Structures, Inauguration of the inSPIN research Centre, University of Aarhus, Aarhus, Denmark

Poul Nissen, A modulatory ATP binding site of SERCA1a, Seminar, CEA Saclay

Poul Nissen, Pumping calcium ions across the membrane: structure and function of the Ca2+-ATPase" Danish Chemical Society, general meeting 2005, Denmark

Poul Nissen, Strukturel biologi og molekylær medicin"Annual meeting for high-school teachers in biology (gymnasielærerdag), University of Aarhus, Aarhus, Denmark

Poul Nissen, Large complexes and membrane proteins, International Workshop in recent advanc-

es in phasing methods for high-throughput protein structure determination, Peking, China

Poul Nissen, Pump Fiction – transporting calcium ions across the membrane, Seminar, Yale University, USA

Poul Nissen, Understanding the Structure and Function of the Calcium Pump, European Congress on Biotechnology, Copenhagen, Denmark

Poul Nissen, Calcium transport and proton counter-transport by the Ca2+-ATPase, Workshop on transmembrane transport, Sigtuna, Sweden

Poul Nissen, Pump Fiction – transporting calcium ions across the membrane", NIH/NIDDK seminar series, Bethesda, Maryland, USA

Poul Nissen, Structure and function of the yeast ribosome and elongation factors, Annual meeting of the Human Frontier Science Program Organization, Bethesda, Maryland, USA

Poul Nissen, Structure and Function of Biological Macromolecules, Symposium for Research Centers of the Danish Natural Science Research Council (FNU), Denmark

Poul Nissen, Combining structural and functional data of the Ca2+-ATPase into a model, Transmembrane proteins, fourth meeting (TRAMP IV), Gothenburg, Sweden

Finn Skou Pedersen, The role of Septin 9 as an oncogene/tumor-suppressor gene in lymphomagenesis by murine leukemia virus, International Septin Workshop. Fuglsøcentret, Knebel, Denmark

Finn Skou Pedersen, A tumor suppressor function for NFATc3 in T cell lymphomagenesis by murine leukemia virus, 17th International Workshop on Retroviral Pathogenesis, Saint-Malo, France

Finn Skou Pedersen, Fusiogenic envelope proteins of endogenous and exogenous retroviruses. Meeting on cell fusion, epigenetics and cancer, Söderköping, Sweden

Kjeld Pedersen, Quantum well states in thin metal films, photoemission and optical second harmonic generation, Ankara University, Turkey

Jan Skov Pedersen, Low-resolution structure determination of proteins in solution by small-angle x-ray scattering (SAXS), Technical University of Denmark, 2nd Scandinavian, Workshop on Scattering from Soft Matter, Lyngby, Denmark

Jan Skov Pedersen, Low-resolution structure determination of proteins in solution by small-angle x-ray scattering (SAXS), Centre for Structural Biology, University of Aarhus, Aarhus, Denmark

Jan Skov Pedersen, First Annual Meeting of Marie-Curie Training of Research network 'Self-organization in Confined Geometries, Aarhus, Denmark

Jan Skov Pedersen, Introduction to Small-Angle Scattering, Firenze, XX Congress of the International Union of Crystallography, Firenze, Italy

Jan Skov Pedersen, Studying bio-macromolecules in solution with Small-Angle Scattering, Bente Vestergaard og Lise Arleth, Danmarks Farmaceutiske Universitet, BIOSAS Conference, Copenhagen workshop on BIO-macromolecules in solution studied with Small-Angle Scattering, Copenhagen, Denmark

Peter R. Ogilby, The Singlet Oxygen Microscope: From Phase-Separated Polymers to a Single Biological Cell, Gordon Research Conference on Photochemistry, Smithfield, Rhode Island, USA

Peter R. Ogilby, The Singlet Oxygen Microscope: From Phase-Separated Polymers to a Single Biological Cell, International Symposium on the Probing of Heterogeneous Systems, Erlangen-Nuremburg, Germany

Peter R. Ogilby, The Singlet Oxygen Microscope: Going Where Chris always wanted to go – inside a single cell, International Symposium in Memory of C. S. Foote, Los Angeles, USA

Peter R. Ogilby, The Singlet Oxygen Microscope: From Phase-Separated Polymers to a Single Biological Cell, Symposium on Contemporary Topics in Chemical Physics, University of Aarhus, Denmark

Peter R. Ogilby, The Singlet Oxygen Microscope: From Phase-Separated Polymers to a Single Biological Cell, Winter Meeting of the Danish Chemical Society, Århus, Denmark

Peter R. Ogilby, The Creation and Detection of Reactive Oxygen Species in Microheterogeneous Environments, International Symposium on Redoxactive Metal Complexes, Erlangen, Germany

Peter R. Ogilby, Creating and Detecting Reactive Oxygen Species, Particularly Singlet Oxygen, at the Sub-Cellular Level, Plant Stress Network, International Workshop, Odense, Denmark

Jeppe Olsen, Properties of Quantum Dots Studied by Quantum Mechanical Methods, International Karlsruhe Nanoscience Workshop, Computational Tools for Molecules, Clusters and Nanostructures, Karlsruhe, Germany

Jeppe Olsen, Higher Excitations using First-order Interaction Subspaces, The 2005 Sanibel Symposium, St. Thomas Island Georgia, USA

Jeppe Olsen, Internal Contraction for Triple and Higher Excitations, Quantum Chemistry Applied : From H3 to Biocatalysis, An International Conference to Celebrate the 60 th Birthday of P.E.M. Siegbahn, Stockholm, Sweden

Jeppe Olsen, Examination of Single- and Multi-Reference Methods for the Calculation of Potential Surfaces, American Chemical Society Meeting & Exposition, Washington DC, USA

Jeppe Olsen, Examination of Single- and Multi-Reference Methods for the Calculation of Potential Surfaces,13th European Seminar on Computational Methods in Quantum Chemistry, Smolenice, Slovakia

Jeppe Olsen, Properties of Quantum Dots Studied by Quantum Mechanical Methods. Quantum Transport and Excitations from Macro to Nanoscale: Theory and Applications, Aalborg, Denmark

Daniel E. Otzen, Mechanisms of membrane protein folding in lipids and detergent. Institute of Microbial Technology, Chandigarh, India

Daniel E. Otzen, Thermodynamics of membrane protein folding, Institute Tecnico Superior, Lisbon, Portugal

Daniel E. Otzen, Mechanisms of protein fibrillation, Osaka University, Japan

Daniel E. Otzen, Protein-detergent interactions, Osaka City University, Japan

Daniel E. Otzen, Folding and unfolding of membrane proteins in mixed micelles, ECB12 Conference, Copenhagen, Denmark

Daniel E. Otzen, Physics meets biology: Protein aggregation and deposition diseases, EMBL, Heidelberg, Germany

Rui Pereira, Local modes of hydrogen defects in Si:Ge and Ge:Si, 23rd International Conference on Defects in Semiconductors (ICDS-23), Awajii Island, Japan

Niels Peter Revsbech, Marine biotechnology and biofilm research at University of Aarhus,

Invited Talks

Nato symposium on environmental challenges in marine biotechnology, Ålesund, Norway

Niels Peter Revsbech, Measurement of microbial activity at a microscale, SAME9, Symposium on Aquatic Microbial Ecology, Helsinki, Finland

Niels Peter Revsbech, Nitrogen cycling in Stratified Microbial Communities, Full Cycle: Microbial cycling of elements, Delft, the Netherlands

Niels Peter Revsbech, Det store I det små, "Husdyrgødning – guldgrube eller gravsten". Symposium arranged by SDU and DJF, University of Southern Denmark, Odense, Denmark

Birgit Schiøtt, Why drug discovery in academia?, Workshop on IT solutions for integrated drug discovery, Aarhus, Denmark

Jørgen Skibsted, Characterization of the Nanostructure of the C-S-H Phase by Solid-State 27Al and 29Si MAS NMR Spectroscopy, 107th Annual Meeting of the American Ceramic Society, Baltimore, USA

Troels Skrydstrup, Recent Applications of Samarium Diiodide for C-C Bond Formation via Radical Intermediates, Xth ICSN Symposium, Gif-sur-Yvette, France

Troels Skrydstrup, Recent Applications of Samarium Diiodide in Organic Synthesis, 14th European Symposium on Organic Chemistry, Helsinki, Finland

Troels Skrydstrup, Recent Applications of Sm and Pd for Carbon-Carbon Bond Formation, En-dags symposium i anledning af Prof. David Tanners 50 års fødselsdag, Danmarks Tekniske Universitet, Denmark

Troels Skrydstrup, Recent Applications of Samarium Diiodide for C-C Bond Formation via Radical Intermediates, Pacifichem, Honolulu, Hawaii, USA

Troels Skrydstrup, Recent Applications of Sm and Pd for Carbon-Carbon Bond Formation, Ecole Polytechnique, Palaiseau, France

Kjeld Søballe, Fælles årsmøde DSMM, DFFMT og Danske Fysioterapeuter, "Nye kirurgiske principper", Århus, Denmark

Kjeld Søballe, Ganz periacetabular osteotomy in acetabular dysplasia, EHS Meeting, 7th EFORT Congress, Lisbon, Portugal

Kjeld Søballe, Perioperative measures for pain relief and early rehabilitation, 7th EFFORT Congress, Lisbon, Portugal

Kjeld Søballe, Classification of Femoral Defects and Revision with Structural Allograft, Advances in Total Hip Arthroplasty, Rigshospitalet, Denmark

Kjeld Søballe, Minimally Invasive Total Hip Two Incission Approach, Advances in Total Hip Arthroplasty, Rigshospitalet, Denmark

Kjeld Søballe, Vorteile der HA-Beschichtung bei der unzementierten Knieenderprothetik, 54th Annual Congress NOV 2005, Hamburg, Germany

Kjeld Søballe, Ganz periacetabular osteotomy in acetabular dysplasi, International Hip Society, Closed Meeting, Vienna, Austria

Kjeld Søballe, Hvad kan man gøre, når man har fået slidgigt, kirurgi, Gigtforeningen, Frederiksberg Rådhus, Denmark

Kjeld Søballe, HA Coating – useful or not, Hydroxy-Apatite Ceramic 20, London, England

Kjeld Søballe, Nye aspekter inden for hoftekirurgi (ledbevarende kirurgi samt minimal invasive teknik, Staff meeting, Århus Sygehus, Nørrebrogade, Denmark

Kjeld Søballe, Minimal invasiv hoftekirurgi, Lægedag Århus, Scandinavian Congress Center, DK

Kjeld Søballe, Ortopædien i fremtiden – tværfaglig forskning inden for ortopædkirurgi, Afd. E's Temadag, Skejby Sygehus, Denmark

Kjeld Søballe, Accelreret patientforløb i hofte- og knæsektoren – ny postoperativ smertebehandling, Afd. E's Temadag, Skejby Sygehus, Denmark

Thomas Vorup-Jensen, New ligands for aXb2 integrin, MRC Immunochemistry Unit, University of Oxford, England

Thomas Vorup-Jensen, The innate immune system, polymer surfaces, and cell adhesion, Bioneer A/S, Hørsholm, Denmark

Thomas Vorup-Jensen, Creative destruction (of protein structure): new ligands for the leukocyte cell surface receptor aXb2 (CD11c/CD18) integrin, LEO Pharma A/S, Ballerup, Denmark

Thomas Vorup-Jensen, MBL structure and function, NatImmune A/S, Copenhagen, Denmark

Thomas Vorup-Jensen, Creative destruction (of protein structure): new ligands for the leukocyte cell surface receptor aXb2 (CD11c/CD18) integrin, iNano Seminar series, University of Aarhus, Denmark

Thomas Vosegaard, Towards the study of large membrane proteins using oriented-sample solid-state NMR" and "Numerical calculations and tools for biological solid-state NMR, Recent trends in solid-state NMR in biological systems, Bangalore, India

Thomas Vosegaard, Average Hamiltonian Theory, Euromar / EENC, Veldhoven, The Netherlands

Thomas Vosegaard, One week course of solid-state NMR, 15th Jyväskylä Summerschool, Jyväskylä, Finland

Colloquia

iNANO Annual Meeting

January 19, Ulrich Gösele, Max-Planck-Institut of Microstructured Physics, Halle, Germany, "Nano-silicon á la carte"

January 19, Carsten Werner, Dept. of Biocompatible Materials, Leibniz Institute of Polymer Research, Dresden, Germany, "Self assembly for the design of biomimetic materials"

January 19, Allan S. Hoffman, Department of Bioengineering, University of Washington, USA, "Smart polymer switches in separations, diagnostics and drug delivery"

January 19, Omar M. Yaghi, Department of Chemistry, University of Michigan, USA, "Nanoporous metal-organic frameworks designed for hydrogen storage"

January 19,Christoph Gerber, National Center of competence in Research, University of Basel, Switzerland, "Nanomechanics as a toolbox for the small"

January 19,Mauro Ferrari, Department of Biomedical Engineering, The Ohio State University, USA, "Nanomedicine"

iNANO Colloquia, Aarhus

January 14, Arto Urtti, Dept. of Pharmaceutics, University of Kuopio, Finland, "Glycosaminoglycans inhibit cellular gene delivery with liposomal and polymeric nanosized carriers: physico-chemical and biological aspects"

January 14, Birger Lindberg Møller, The royal veterinary and agricultural University, Denmark, "Metabolic engineering of cyanogenic glucoside synthesis and plant-insect interactions"

January 21, Modern Trends in Chemistry Aarhus Winter Meeting. Organized by the Danish Chemical Society.

January 28, Jørgen Skibsted, University of Aarhus, Denmark, "Solid-State NMR studies of nanostructures in cement-based materials"

February 2, Henrik Birkedal, Dept. of Chemistry & iNANO, University of Aarhus, Denmark, "On Bites and Bones: Examples of Natures Materials"

February 18, Andrew J. Turberfield, University of Oxford, UK, "DNA Self-Assembly and Molecular Machinery"

February 25, Mischa Bonn, Leiden University, Germany, "Biosurface Spectroscopy"

April 1, Daniel Otzen, University of Aalborg, Denmark, "The changing faces of glucagon fibrillation: structural and energetic polymorphism"

April 15, Peter Hinterdorfer, Johannes Kepler University of Linz, Austria, "Sensing single molecule recognition with the atomic force microscope"

April 19, Joel S. Miller, Department of Chemsitry, University of Utah, USA, "New Chemistry and New Materials for this Millennium: Molecule-based Magnets and Molecule-based Electronics"

April 29, Jan J. Enghild, University of Aarhus, Denmark, "Proteome analysis of the human cornea"

May 13, Xiao-Dong Su, Life Science College, Peking University, China, "A high-throughput, cost-effective structural genomics platform"

May 20, Mette Ebbesen, University of Aarhus, Denmark, "Ethics in Nanotechnology – starting form scratch?"

May 27, Wolfgang Pompe, Technische Universitaet, Dresden, Germany, "Molecular bioengineering of metallic nanostructures"

September 9, Michael Lisby, University of Copenhagen, Denmark, "Nanobiotechnologies for studying DNA damage response in live cells"

September 16, Teresa Neves-Pedersen, Aalborg University, Denmark, "Photonic Biosensors: using light to create oriented as well as spatially defined multi-protein/DNA sensor arrays"

September 23, Peter R. Ogilby, University of Aarhus , Denmark, "Creation and Detection of Singlet Oxygen with Sub-Cellular Resolution"

September 30, Bruce Milthorpe, USNW, Australia

October 14, Kurt Gothelf, University of Aarhus, Denmark, "Molecular self-assembly"

October 21, Fraser Stoddart, University of California Los Angeles, USA, "An Integrated Systems-Oriented Approach to Molecular Electronics"

October 28,Yves Dufrenes, Université catholique de Louvain, Belgium, "AFM force spectroscopy of biosurfaces: from single molecules to living cells"

November 4, David Phillips, Hofmann Professor of Chemistry, Senior Dean, Imperial College of London, UK, "Time-resolved fluorescence imaging studies in biological systems"

November 11, Miquel Salmeron, Berkley, USA, "Nanoscience and technology: Building new materials atom by atom"

November 18, Thomas Vorup-Jensen, Department of Medical Microbiology, AU

November 25, Jens Nørskov, DTU, "The Hydrogen Society"

December 2, Ole Hindsgaul, Carlsberg Laboratory, Denmark, "Introduction of labels into biomolecules using solid-phase reagents"

December 9, Leonid Gurevich, Section for Biotechnology, AAU, Denmark

iNANO specialized colloqui a, Aarhus

January 12, Thomas Schmidt, Physics Department, Leiden University, Germany, "Single-molecule microscopy for cell biology"

January 19, Omar M. Yaghi, University of Michigan, USA, "Nanoporous metal-organic frameworks designed for hydrogen storage"

January 26, Dr. Dylan Jaytilaka, Department of Chemistry, University of Western Australia,

Colloquia

Australia, "Wavefunctions derived from X-ray experiment: General philosophy, and review ofpast work, and future directions"

February 3, Poul Nissen, Dept. of Molecular Biology, University of Aarhus, Denmark, "The functional cycle of a cation pump"

February 7, Dr. Pawel Sikorski, Physics Department, Norwegian University of Science and Technology, Trondheim, Norway, "Amyloids and biopolymers. Solving crystal structures of semi-crystalline polymersby use of fibre X-ray diffraction"

February 17, Kiyoshi Asakawa, University of Tsukuba and the Femtosecond Technology Research Association , Japan, "Fusion of quantum dots and photonic crystals – the application to ultra-fast all-optical switch"

March 1, Christian Bombis, Institut für Schichten und Grenzflächen ISG 3 Forschungszentrum Jülich GmbH, Germany, "STM studies of 2D-nanostructures: Monoatomic, high Au islands on Au(100) and the self-assembling system oxygen on Cu(110)"

March 2, Arnd Baurichter, Physics Dept. SDU, Odense, Denmark, "From dust grain catalyst for hydrogen and organic molecule formation in the interstellar space to hydrogen storage material: The system hydrogen on graphite"

March 9, Kiril Tsemekhman, Dept. of Chemistry, University of Washington, USA, "Self-consistent implementation of self-interaction corrected DFT and of the exact exchange functionals in the plane-wave DFT"

March 11, Kell Mortensen, Danish Polymer Centre, Risø, Denmark, "Block Copolymer Melts and Networks,Shear-Induced Texture and Shear-Induced Phase Transitions"

March 18, Nikolay Buzhynskyy,Lab. of Molecular Imaging and Nano-Bio-Technology University of Bordeaux, France, "Formation of supported proteol-ipidic layers, studied by QCM-D and AFM"

March 30, Roland Krämer, Universität Heidelberg, Germany, "Oligonucleotide - Metal Complex Conjugates: Synthesis and Applications"

April 5, Alexander Shluger, University College London, UK, "When solids approach the defect size: modelling at the edges"

April 11, Kristian Thygesen, Dept. of Physics, Technical University of Denmark Wannier Functions

April 12, Heiz Ulrich, Technische Universität München, Germany, "Clusters on surfaces: Matter in the non-scalable size-regime"

April 21, Jean Pinson, Alcminer, France, "Electrografting of conductive and semiconductive surfaces by reduction of diazonium salts"

May 2, Alan C. Luntz, University of Southern Denmark, Denmark, "How adiabatic is activated adsorption?"

May 4, Wael Mandouh, Dept. of Chemistry, Lab. Photochemistry and Spectroscopy, Katholieke Universiteit Leuven, Belgium, "Two-dimensional Cyclic Structures As Templates At The Nanoscale"

August 24, Toyyaki Eguchi and Toshu Ann, The University of Tokyo, Japan, "High resolution Imaging of Surface Structure and Potential Profile by Atomic Force Microscopy"

September 20, Paul Ellis, Pacific Northwest National Laboratory, "67Zn and 25Mg Solid-State NMR Spectroscopy of Systems of Biological Interest. A Low Temperature Solid State NMR Experiment"

September 22, Jean-Paul Booth, Nicolas Bulcourt, Garrett Curley, Ecole Polytechnique, Palaiseau, France, "Production and destruction of reactive species in a dual frequency capacitive plasma in Ar/ C4F8 /O2"

September 26, Markus Niederberger, Max Planck Institute, Germany, "Nonaqueous Routes to Crystalline Metal Oxide Nanoparticles: Formation Mechanisms, Assembly and Application in Gas Sensing"

October 17, Dietmar Stalke, Institut für Anorganische Chemie, Universität Göttingen, Germany, "Hypervalency - Experimental Charge Density Uncovers a False Concept"

October 18, Professor Alan Pinkerton, University of Toledo, USA, "X-ray crystallography - from structure to thermodynamics"

October 13, Professor Bonnie A. Wallace, Department of Crystallography, Birkbeck College, University of London, UK, "Synchrotron radiation circular dischroism spectroscopy: a new tool for structural and functional genomics"

November 3, Professor Thomas H. Foster, University of Rochester, USA, "Physical Determinants and Optical Signatures of Photodynamic Therapy"

November 15, Peter Kingshott, Senior Scientist, Danish Polymer Centre, Risø National Laboratory, "Playing with Surface Chemistry to Try and Stop Proteins, Cells and Bacteria from sticking"

iNANO colloquia, Aalborg

September 9, V. Renugopalakrishnan, Harvard, USA, "Protein-based memory: Next wave in information storage"

September 28, Sergey Bozhevolnyi, Harvard, USA, "Nano-plasmonics"

October 12, Ib Chorkendorff, DTU, Denmark, "Production and conversion of hydrogen on alloys and inorganic compounds"

October 26, Thomas Garm Pedersen, Aalborg University, Denmark, "Optical properties of carbon nanotubes"

November 11, Peter Wahl, MPI-Stuttgart, Germany, "Electronic correlation effects at metal surfaces"

November 23, Anja Boisen, DTU, Denmark, "Micro and nanomechanical systems for label-free detection"

December 7, Thomas Tauris, Herlufsholm, Denmark, "Physics of radio pulsars"