

PAST EVENTS

2017

Monday, 6th November, 2017 at 6:00 pm, Dr. Taras V. Pogorelov, (Department of Chemistry, Biophysics and Quantitative Biology, Beckman Institute for Advanced Science and Technology, National Center for Supercomputing Applications, School of Chemical Sciences and University of Illinois at Urbana-Champaign, IL, USA) - "Membrane-associated phenomena: capturing dynamic structures in complex environments"

Thursday, 2nd November, 2017 at 6:00 pm, Prof. Ray Owens (University of Oxford, Research Complex at Harwell, Oxford, UK) - "Structural proteomics: development of an integrated pipeline from genes to crystals"

Tuesday, 31st October, 2017 at 6:00 pm, Dr. Petr Rathner (Johannes Kepler University, Linz, Austria) - "Investigation of structure and dynamics of STIM1 by NMR"

Monday, 30th October, 2017 at 6:00 pm, Prof. Stefano Caldarelli (Ist. de Sciences Moleculaires de Marseille, Aix Marseille Université, France) - "Excursions in the NMR analysis of mixtures"

Friday, 27th October, 2017 at 6:00 pm, Prof. Pietro Liò and Dr. Giovanna Maria Dimitri (Department of Computer Science, University of Cambridge, UK) - "Introduction to Deep Learning"

Monday, 23th October, 2017 at 6:00 pm, Dr. Kourosh H. Ebrahimi (Postdoc / EMBO Fellow, Inorganic Chemistry Laboratory, Department of Chemistry, University of Oxford, UK) - "Mechanistic studies of metalloenzymes"

Thursday, 7th September, 2017 at 5:00 pm, Dr. Massimiliano Maletta (Thermo Fisher Scientific, Eindhoven, The Netherlands) - "The role of Cryo-electron microscopy in structural biology after the "resolution revolution"

Monday, 10th July, 2017 at 6:00 pm, Dr. Shenlin Wang (Beijing NMR Center, Peking University, Beijing, PRC) - "Using solid-state NMR spectroscopy to investigate the topology of bio-macromolecules"

Tuesday, 4th July 2017, Instruct becomes ERIC

Tuesday, 20th June, 2017 at 6:00 pm, Jean van den Elsen (Professor of Biochemistry and Structural Biology at the University of Bath, UK) - "Take the bitter with the sweet"

Friday, May 19th, 2017 at 12:00 am, Dr. Alessio Bonucci (Laboratoire de Bioénergétique et Ingénierie des Protéines

CNRS-Marseille, France) - "In-cell EPR: a new frontier to study protein conformations inside living cells"

Thursday, 13th April, 2017 at 6:00pm, Prof. Thomas Vosegaard (Interdisciplinary Nanoscience Center, Department of Chemistry, Aarhus University, Denmark) - "Tools to improve understanding and automation of NMR experiments "

Monday, 10th April, 2017 at 6:00 pm, Prof. Mag. Dr. Norbert Müller (Head of the Institute of Organic Chemistry, Johannes Kepler University Linz, Linz, Austria) - "Nonlinear and dynamic effects in nuclear spin noise spectroscopy"

Friday, 7th April, 2017 at 12:00 am, Helena Kovacs, Ph D, (Applications Scientist, Biomolecular NMR) and Stefan Jehle, (Ph D, Product Manager, Fragment Based Drug Discovery), Bruker BioSpin AG, Fällanden, Switzerland - "Bruker News: Breakthrough in Multi-Receive NMR Technology / Solutions for Fragment Based Drug Discovery"

Thursday, 6th April, 2017 at 5:00 pm, Prof. Stefan Laufer (Med. Chemistry, Department Pharmacy/Biochemistry, Eberhard Karls University Tuebingen, Germany) - "Raising the Gold Standard: Design & Development of Highly Selective JAK3 Probes (Janus Kinase 3)"

Friday, 24th March, 2017 at 6:00 pm, Prof. Gregg B. Fields (The Scripps Research Institute, Scripps Florida, Jupiter, USA) - "Structure-guided Design and Synthesis of Highly Selective Matrix Metalloproteinase 13 Inhibitors for the Treatment of Osteoarthritis"

Thursday, 16th March, 2017 at 6:00 pm, Dr. Bruno Rizzuti (CNR-NANOTEC National Research Council - Institute of Nanotechnology, Rende-Cosenza) - "Molecular dynamics simulation: from folded to unfolded protein states"

Tuesday, January 10th, 2017 at 6:00 pm, Prof. Anders Malmendal (Department of Cellular and Molecular Medicine, University of Copenhagen, Denmark) - "NMR on the fly: Drosophila metabolomics in stress and human disease research"

2016

Thursday, October 13th, 2016 at 5:30 pm, Prof. Antonio Pierik and Dr. Daili Netz (University of Kaiserslautern, Germany) - "Cytosolic and nuclear iron-sulfur proteins and their assembly"

Friday, November 4th, 2016 at 12:30 pm, Prof. Frans Mulder (Department of Chemistry, University of Aarhus, Denmark) - "Using audience interaction software in presentation and teaching "

Friday, September 9th, 2016 at 5:30 pm, Prof. Charalampos Babis Kalodimos (Department of Biochemistry, Molecular Biology & Biophysics, University of Minnesota, Minneapolis, USA) - "Structures of large, dynamic complexes by NMR"

Monday, June 13th, 2016 at 5:30 pm Dr. Wolfgang Bermel (Bruker BioSpin GmbH, Rheinstetten, Germany - "Fast NMR methods"

Tuesday, May 24th, 2016 at 5:00 pm Prof. Michael Odelius (FYSICUM, Albanova Stockholm University, Sweden) - "Ab initio simulations of ultra-fast dynamics in solution"

Thursday, April 28th, 2016 at 12:00 Prof. Ayyalusamy Ramamoorthy (Department of Chemistry, University of Michigan Ann Arbor, Michigan USA) - "Probing Dynamic Protein-Protein Interactions at the Membrane Interface by NMR"

Wednesday, March 2nd, 2016 at 12:00 Prof. Francesco Malatesta (Department of Biochemical Sciences University of Rome) - "A new life for the Michaelis Menten equation"

2015

Tuesday, December 29th 2015 at 5:00 pm, Dr. Francesco Luigi Gervasio, (University College London, UK) - "Investigating Allosteric Regulation Throug Enhanced Sampling Simulations"

Monday, November 2nd 2015 at 6:00 pm, Prof. Frans Mulder (Department of Chemistry, Aarhus University, Denmark) - "Detecting O2 binding to secluded protein cavities"

Wednesday, October 21st 2015 at 6:00 pm, Prof. Gil Goobes (Department of Chemistry, Bar Ilan University, Israel) - "What Can we Learn from MAS NMR on Biomaterials Interfaces: Examples from Bone-like Apatite and Bioinspired Silica"

Monday, July 13th 2015 at 12:00 pm, Prof. Kenneth M. Merz (Michigan State University, Shaw Lane East Lansing, MI USA) - "Thermodynamic Quantities and Structural Information from a Molecular Printing Press"

Tuesday, July 7th 2015 at 11:30, Inaugurazione CERM TT Centro di Competenza "Ivano Bertini"

Friday, June 26, 2015 at 6:00 pm, Prof. Gregg B. Fields (Florida Atlantic University, FL, USA) - "Different Mechanisms of Collagenolytic Metalloproteinases"

Tuesday, June 23rd 2015 at 10.00 am, Prof. Dennis Winge (Department of Internal Medicine, University of Utah, School of Medicine, Salt Lake City, Utah, USA) - "Iron-Sulfur Cluster Transfer to Mitochondrial Clients"

Friday, June 5th 2015 at 5.30 pm - Prof. Arthur G. Palmer (Department of Biochemistry and Molecular Biophysics, Columbia University, New York, USA) - "Conformational dynamics in the function of AlkB and GCN4"

Friday, May 22nd, 2015 at 12:00 pm, Dr. Wolfgang Bermel (Manager NMR Application, Bruker BioSpin GmbH, Rheinstetten, Germany) - "Non uniform sampling"

Wednesday, March 25th 2015 at 5.30 p.m., Dr. Nicola Armaroli (CNR Research Director, Istituto ISOF - MACOL Research Unit - Bologna) - "Photoactive Materials for Energy Applications"

2014

Tuesday, October 28th 2014 at 6:00 pm, Dr. Jan Stanek (Biological and Chemical Research Centre, University of Warsaw, Poland) - "Resolving complexity: NUS and high dimensionality in biomolecular NMR"

Tuesday, September 30th -Thursday, October 2nd 2014, from 9:00 to 12:00 am, Prof. Keith A. Dunker (Center for Computational Biology and Bioinformatics, Indiana University Schools of Medicine and Informatics, USA) and Prof. Vladimir N. Uversky (Department of Molecular Medicine, University of South Florida, USA) - "Intrinsically Disordered Proteins: State of the art and perspectives", Intensive training module

Tuesday, July 22nd 2014 at 5:30 pm, Prof. Dario Braga (Department of Chemistry G. Ciamician, University of Bologna) -

"The growing world of crystal forms: from bench to market"

Wednesday, June 25th 2014 at 6:00 pm, Dr. Stefano Piana-Agostinetti (D.E. Shaw Research, New York, NY 10036, USA) - "Assessing the accuracy of MD simulations of disordered states of proteins"

Friday, June 20th 2014 at 5:00, Prof. Gregg B. Fields (Torrey Pines Institute for Molecular Studies, Port St. Lucie, FL, USA) - "Analysis of Membrane Type 1 Matrix Metalloproteinase (MT1-MMP) Behavior at the Cell Surface"

Friday, May 16th 2014 at 18.00, Prof. Joan S. Valentine (Dept. of Chemistry and Biochemistry, UCLA, Los Angeles, CA,

USA) - "Oxygen, Manganese, and Early Life on Earth"

Tuesday, 15th April 2014 at 6:00 pm, Dr. Alberto Luini (Telethon Institute of Genetics and Medicine, Napoli) - "Correlative microscopy in cell biology"

Friday, April 4th 2014 at 3:00 pm - Prof. Carlos F. de G. Campos Geraldes (Dep. Life Sciences and NMR Lab., Coimbra Chemistry Center, University of Coimbra, Portugal) - "M-DO3A-PiB derivatives as potential imaging markers fo A-beta amyloid"

Friday, March 28th 2014 at 6:00 pm - Dr. Beatriz Jiménez (Department of Surgery and Cancer, Imperial College of London) - "NMR-based Metabonomics for Patient Diagnosis and Stratification"

Wednesday, March 12th,2014 at 6:00 pm - Prof. Irit Sagi (Department of Biological Regulation, Weizmann Institute of Science, Israel) - "Harnessing matrix enzymology for drug design"

Thursday, February 27th, 2014 at 6:00 pm - Prof. Marcellus Ubbink (Leiden University, Leiden,The Netherlands) - "Paramagnetic NMR to Study Protein Complexes "

2013

December 2nd 2013 6:00 p.m. - Prof. Jan-Eric Litton (Dept. of Medical Epidemiology and Biostatistics Karolinska Institutet Stockholm, Sweden) - "Biobanks and biological research in Europe"

October 2nd, 2013 at 12:00 p.m. - Prof. Tullio Pozzan (Dept. of Biological Sciences - University of Padua and Director of the Department of Biomedical Sciences of CNR) - "Spying live cells in action: a view from inside organelles"

July 4th 2013 at 6:00 p.m. - Prof. Greg B. Fields (Torrey Pines Institute for Molecular Studies Port St. Lucie, FL, USA) - "Progress in Selective Matrix Metalloproteinase Inhibition"

April 24th 2013 at 6:00 p.m. - Dr. Hadas Amit (BioTalentum Ltd., Gödöllő, Hungary) - "From human stem cells to intrinsically disordered proteins"

January 31st 2013 at 12:00 p.m. - Prof. Maurizio Brunori (Department of Biochemical Sciences - University of Rome La Sapienza) - "Morphogenesis of a protein: folding pathways and energy landscapes."

January 29th 2013 at 6:00 p.m. - Prof. Jesús Jiménez-Barbero (Chemical and Physical Biology - CIB-CSIC, Madrid, Spain) - "Carbohydrate-Protein Interactions. A 3D view by using NMR."

2012

July 26th 2012 at 09:30 - Prof. Maurizio Pellecchia (Sanford-Burnham Medical Research Institute, San Diego (USA)) - "NMR guided approaches for fragment based drug discovery"

July 16th 2012 at 12:00 - Prof. Michael J. Maroney (Chemistry Department University of Massachusetts at Amherst - USA) - "The Ins And Outs Of Nickel Trafficking"

June 15th 2012 at 6:00 p.m - Prof. Dieter Brömme (University of British Columbia USA) - "From fibrils to peptides: Mechanistic insights into the degradation of collagen by cathepsin K"

June 12th 2012 at 2:00 p.m - THE LUIGI SACCONI MEMORIAL LECTURE IN CHEMISTRY - Aula Magna Polo Scientifico dell'Università di Firenze - Prof. Stephen James Lippard (Massachusetts Institute of Technology Cambridge, MA. USA) - "Understanding and Improving Platinum Anticancer Drugs"

May 15th 2012 at 6:00 p.m Prof. Chris Morris (Dipartimento Daresbury Laboratory STFC, Warrington, United Kingdom) - "What can a LIMS do for protein scientists"

May 3rd 2012 at 5:00 p.m.- Aula Magna Polo Scientifico dell'Università di Firenze - Prof. Giovanni Natile (Dipartimento Farmaco-Chimico, Bari) - "Insights into the cellular uptake and processing of cisplatin and related drugs"

February 24th 2012 at 6:00 p.m. Prof. Age Smilde (University of Amsterdam, Amsterdam, The Netherlands) - "Metabolomics-based Systems Biology"

February 21st 2012 at 10:00 a.m. - Dr. Daniela Carnevale (Neuromed, Lembo Lab, Napoli) - "Meccanismi Molecolari del danno d'organo indotto da ipertensione arteriosa."

February 2nd 2012 at 2:00 p.m. Prof. Vladimir N. Uversky (University of South Florida, Department of Molecular Medicine, Tampa, USA) - "Intrinsic disorder and protein-protein interactions"

January 31st 2012 at 2:00 p.m. Prof. Vladimir N. Uversky (University of South Florida, Department of Molecular Medicine, Tampa, USA) - "Experimental techniques for the analysis of intrinsic disorder"

January 30th 2012 at 12:00 Prof. Gianluigi Condorelli (Milano Bicocca University, Milan and Medicine Department of the National Research Council, Rome - Italy) - "Epigenetic mechanisms controlling myocardial function"

January 17th 2012 at 5:0 p.m. THE LUIGI SACCONI CENTENNIAL MEMORIAL LECTURE - Prof. Paul J. Dyson (EPFL - Laboratory of Organometallic and Medicinal Chemistry, Lausanne, Switzerland) - "Bifunctional Metal-based Anticancer Drugs" Aula Magna Polo Scientifico dell'Università di Firenze

January 3rd 2012 at 12:00. Dr. Francesco L. Gervasio (Spanish National Cancer Research Centre) - "Investigation Conformational Dynamics of the Kinase domain"

2011

November 30th 2011 at 6.00 p.m. Prof. Gregg B. Fields (Torrey Pines Institute for Molecular Studies Port St. Lucie, Florida, USA) - "Exosite Inhibitors of Metalloproteinases"

November 25th 2011 at 12.00 Prof. Harald Schwalbe (University of Frankfurt, Germany) - "Investigation of disulfide bond formation on unfolded state structure and dynamics"

November 16th 2011 at 6.00 p.m. Prof. Joan S. Valentine (UCLA - Department of Chemistry and Biochemistry, USA) - "Metal ions and misfolding in SOD-linked ALS"

November 14th 2011 at 6.00 p.m. Prof. Astrid Gräslund (Stockholm University - Dept. of Biochemistry and Biophysics, Sweden) - "NMR studies of the amyloid beta peptide involved in Alzheimer's disease: Molecular interactions, secondary structure conversions and aggregation"

November 4th 2011 at 12.00 Dr. Jochem Struppe (Bruker Biospin Corp., USA) - "Practical aspects in Biological Solid State NMR"

October 24th 2011 at 6.00 p.m Prof. Julia S. Johansen (University of Copenhagen, Denmark) - "YKL-40a protein associated with death and life"

July 14th 2011 at 5.00 p.m Aula Magna - Polo Scientifico - Prof. Robert G. Griffin (Massachusetts Institute of Technology, USA) - "SACCONI MEDAL LECTURER 2011"

June 20th 2011 at 6.00 p.m - Prof. Janez Plavec (head of NMR centre, National Institute of Chemistry Ljubljana, Slovenia) - "Cation localization and movements within G-quadruplexes"

June 7th 2011 at 12.00 - Dr. Sonia Longhi (AFMB, UMR 6098, CNRS et Aix-Marseille Université) - "Structural disorder within the replicative complex of paramyxoviruses"

May 17th at 6.00 p.m - Prof. K. V. R. Chary (Tata Institute of Fundamental Research, Mumbai, India) - "TWENTY-20 NMR: Rapid Data acquisition methods in Protein NMR"

May 12th at 6.00 p.m - Prof. Dr. Bernd Schultes (Head of the Interdisciplinary Obesity Center Kantonsspital St. Gallen - Rorschach, Switzerland) - "Pathophysiology of obesity and effects of surgically-induced weight loss"

April 29th at 12.00pm - Prof. Patrizia Brigidi (Department of Pharmaceutical Sciences, University of Bologna) "Studying the human intestinal microbiota in the meta-omics era"

April 20th at 6.00pm - Prof. Toshiya Endo (Department of Chemistry - Nagoya University, Japan) "Structural biology of mitochondrial protein import" (flyer)

April 18th at 12.00pm - Aula 37 Blocco Aule Prof. Gianni Fochi, Scuola Normale Superiore di Pisa, "Fischi per fiaschi: quando il linguaggio comune provoca lo scienziato" (flyer)

April 13th at 6.00 pm - Prof. Carla Koehler (Department of Chemistry and Biochemistry - UCLA (USA) "A chemical biology approach for studying mitochondrial redox regulation"

THE LUIGI SACCONI MEMORIAL LECTURE IN CHEMISTRY

April 4th at 6.00pm - Prof. Nigel Robinson, Department of Chemistry, Durham University (UK), "How cells help proteins to acquire the correct metals" (flyer)

March 18th at 12.00 pm - Prof. Lyndon Emsley (Ecole Normale Supérieure de Lyon) "Protein NMR Crystallography"

March 7th at 6.00 pm - Prof. Roland Lill (Institut für Zytobiologie und Zytopathologie, Universität Marburg) "Biogenesis of iron-sulfur proteins in eukaryotes: components, mechanisms and associated diseases" (flyer)

March 2nd at 12.00 pm - Prof. Antonio Randazzo (Dipartimento di Chimica delle Sostanze Naturali, Università degli Studi di Napoli) & Dr. Luciana Marinelli (Dipartimento di Chimica Farmaceutica e Tossicologica, Università degli Studi di Napoli) "G-quadruplex DNA for drug discovery and applications"

February 11th at 12.00 pm - Prof. Dr. Michele Parrinello (ETH Zurich) "Proteins in motion"

January 31st at 12.00 pm - Prof. Maurizio Vecchi (University of Milan and IRCCS Policlinico San Donato di Milano) "Chronic Inflammatory Bowel Diseases and Gut Microflora"

January 18th at 12.00 pm - Prof. Gianni Fochi (Scuola Normale Superiore di Pisa) "Fischi per fiaschi: quando il linguaggio comune provoca lo scienziato" (flyer)



February 2nd at 5.00 pm - Prof. Sergio Carrà (Politecnico di Milano, Italy) - "Integrazione culturale e sviluppo economico: ruolo delle scienze chimiche dall'unificazione a oggi" (flyer - text of the seminar)

January 13th at 5.00 pm - Prof. Gianfranco Scorrano (University of Padua, Italy) - "Firenze, la Gazzetta Chimica e l'Unificazione dell'Italia" (flyer)