

Full list of Talks and Presentations

- June 2017 *International Meeting on Atomic and Molecular Physics and Chemistry, Toruń, Poland, **invited** talk.*
- April 2017 *World Congress and Expo on Nanotechnology and Materials Science, Barcelona, Spain, **invited** talk.*
- April 2017 *International Workshop on Quantum Atomic and Molecular Tunneling in Solids and other Phases, Madison Wisconsin, USA, **invited** talk.*
- February 2017 *Seminar Series, Atomistic Simulation Center, Queen's University, Belfast, United Kingdom, **invited** seminar.*
- November 2016 *Theoretical Chemistry Informal Seminars Series, Department of Chemistry, University of Cambridge, United Kingdom.
Invited Seminar: Predictive Multiscale Modelling: Multidisciplinary Challenges for the Future of Computational Chemistry*
- September 2016 *CECAM Workshop on Multiscale Simulation: from Materials Through to Industrial Usage, Dublin, Ireland **invited** talk.
Contributed Talk: Predictive Multiscale Modelling in Chemical Sciences: Interdisciplinary Challenges from a Multidisciplinary View Point*
- June 2016 *Conference on 'Energy Landscapes: Theory and Applications', Centre IGESA, Porquerolles, France.
Contributed Talk: Kinetics of Molecular Diffusion and Self-Assembly: Glycine on Cu110.*
- Mai 2016 *University of Munich, Department of Physics, Prof. Martin Zacharias, Munich, Germany.
Invited Seminar: An Interdisciplinary Perspective on Predictive Multi-scale Modelling and the Chemisorption of Glycine on Cu(110).*
- Mai 2016 *University of Braunschweig, Department of Chemistry, Prof. Christoph Jakob, Braunschweig, Germany.
Invited Seminar: An Interdisciplinary Perspective on Predictive Multi-scale Modelling and the Chemisorption of Glycine on Cu(110).*
- March 2016 *ISINA Interdisziplinäres Forum, University of Chemnitz, Chemnitz, Germany, **Invited** talk.*
- March 2016 *Prof. Nicholas Zabarar, Engineering Department, Warwick Centre for Predictive Modelling, Warwick, United Kingdom, **Invited** Seminar.*
- January 2016 *Surface Forum Cambridge, Department of Chemical Engineering and Biotechnology, University of Cambridge, United Kingdom.
Invited talk: Kinetics of Molecular Diffusion and Self-Assembly: Glycine on Cu{110}*
- September 2015 *10th European Conference on Computational Chemistry, Fulda, Germany.
Contributed Talk: Density Embedding Methods: Quality Control and Efficiency for Large Metal Clusters.*

- July 2015 *Prof. Beate Paulus, Institute of Chemistry and Biochemistry, Freie Universität Berlin, Germany.*
Invited Seminar: *Density Embedding Methods: Quality Control and Efficiency for Large Metal Clusters.*
- July 2015 *Prof. Bernd Engels, Department of Medicine and Pharmacy, University of Würzburg, Germany.*
Invited Seminar: *Density Embedding Methods: Quality Control and Efficiency for Large Metal Clusters.*
- June 2015 *Surface Forum Cambridge, BP Institute, University of Cambridge, United Kingdom.*
Invited Talk: *Density Embedding Methods: Quality Control and Efficiency for Large Metal Clusters.*
- June 2015 *Dassault Systèmes BIOVIA, Science Park, Cambridge, United Kingdom.*
Invited Seminar: *Density Embedding Methods: Quality Control and Efficiency for Large Metal Clusters.*
- June 2015 *Prof. Patrick Norman, Department of Physics, Chemistry and Biology (IFM), Linköping University, Linköping, Sweden.*
Invited Seminar: *Density Embedding Methods: Quality Control and Efficiency for Large Metal Clusters.*
- January 2015 *A Voyage From Molecules to Materials with Numerical Methods for Quantum Chemistry, Hurtigruten, Norway.*
Invited Talk: *Density Embedding Methods: Quality Control and Efficiency for Large Metal Clusters.*
- May 2015 *Theoretical Chemistry Informal Seminars Series, Department of Chemistry, University of Cambridge, United Kingdom.*
Invited Seminar: *Density Embedding Methods: Quality Control and Efficiency for Large Metal Clusters.*
- January 2015 *A Voyage From Molecules to Materials with Numerical Methods for Quantum Chemistry, Hurtigruten, Norway.*
Invited Talk: *Density Embedding Methods: Quality Control and Efficiency for Large Metal Clusters.*
- September 2014 *50th Symposium on Theoretical Chemistry, Vienna, Austria.*
Contributed Talk: *Chemisorption on Metal Surfaces: The Role of Quantum Tunnelling.*
- September 2014 *Profs. Marialore Sulpizi and Friederike Schmid, Condensed Matter Theory Group, University of Mainz, Germany.*
Invited Seminar: *Chemisorption on Metal Surfaces: The Role of Quantum Tunnelling.*
- August 2014 *European Conference on the Dynamics of Molecular Systems, Gothenburg, Sweden.*
Contributed Talk: *Chemisorption on Metal Surfaces: The Role of Quantum Tunnelling.*
- August 2014 *Energy Landscapes: From Single Molecules to Soft Matter, Durham, United Kingdom.*
Contributed Talk: *Chemisorption on Metal Surfaces: The Role of Quantum Tunnelling.*
- July 2014 *10th AIMS (American Institute of Mathematical Sciences) Conference on Dynamical Systems, Differential Equations and Applications, Madrid, Spain.*
Invited Talk: *Differentiable Manifolds and Feynman's Path Integrals: Efficient Ways to Investigate the Role of Quantum Tunnelling in Chemical Systems.*

- June 2014 *FEM-EX Oslo - Promoting Female Excellence in Theoretical and Computational Chemistry II, Oslo, Norway.*
Contributed Talk: *Embedding Methods: Improvements, Extensions, and Chemisorption of Methane on Ni(100).*
- November 2013 *Prof. Adrian Mulholland, Centre for Computational Chemistry, University of Bristol, Bristol, United Kingdom.*
Invited Seminar: *Quantum Rates in the Enzyme Glutamate Mutase: the Instanton Method Applied to Large Systems.*
- September 2012 *Entanglement Based Approaches in Quantum Chemistry, Dresden, Germany.*
Contributed Talk: *Improvements to the Instanton Method: Tunnelling in Glutamate Mutase.*
- July 2012 *Prof. Lincoln Car, Heidelberg Center for Quantum Dynamics special colloquium, Department of Physics, University of Heidelberg, Heidelberg, Germany.*
Invited Seminar: *Improvements to the Instanton Method: Tunnelling in the Enzyme Glutamate Mutase.*
- March 2012 *Meeting of the German Physical Society (DPG), Stuttgart, Germany.*
Contributed Talk: *Improvements to the Instanton Method: Tunnelling in Large Systems.*
- September 2011 *Workshop in Philosophy and History of Science, Stuttgart, Germany.*
Invited Talk: *The Reaction Mechanism of the Enzyme Glutamate Mutase: Experimental and Computational Studies Hand in Hand.*
- March 2011 *Prof. Dan Major's group seminar, Department of Chemistry, Bar-Ilan University, Ramat Gan, Israel.*
Invited Seminar: *The Radical Reaction in Glutamate Mutase and Quantum Rates for Large Systems.*
- January 2011 *Prof. Neil Marsh's group seminar, Department of Chemistry, University of Michigan, Ann Arbor, Michigan, USA.*
Invited Seminar: *The Enzyme Glutamate Mutase: Computational Investigations.*
- November 2010 *Prof. Jens Nørskov's SUNCAT group seminar, SLAC National Accelerator Laboratory, Stanford, California, USA.*
Invited Seminar: *Tunnelling Rates in the Enzyme Glutamate Mutase: the Instanton Method Applied to Large Systems.*
- November 2010 *Prof. Todd Martinez's group seminar, Department of Chemistry, University of Stanford, California, USA.*
Invited Seminar: *Tunnelling Rates in the Enzyme Glutamate Mutase: the Instanton Method Applied to Large Systems.*
- September 2010 *46th Symposium on Theoretical Chemistry, Münster, Germany.*
Contributed talk: *Tunnelling Rates in the Enzyme Glutamate Mutase: the Instanton Method Applied to Large Systems.*