

## Exploratory Workshops and Events

This section presents workshops and events that are financially supported by TUM-IAS. In addition, most of the events were organized or co-organized by TUM-IAS.

### 2007

- November 29 - 30, 2007 (two days): Liesel Beckmann Symposium on *Gender & Diversity in the Technical Culture*  
Organizers: TUM-IAS and TUM Gender Center

### 2008

- April 10 – 11, 2008 (two days): Workshop on *Accessibility – measurement, modelling and evaluation*  
Organizers: TUM-IAS and TUM Institute of Transportation
- June 12-13, 2008 (two days): Workshop on *Risk Modeling and High Frequency Data*  
Organizers: TUM-IAS Fellows Prof. Claudia Klüppelberg, Dr. Robert Stelzer, and Humboldt Research Awardee Prof. Jean Jacod
- September 23 - 26, 2008 (four days): Workshop on *Earth System Engineering – The Art of Dealing Wisely with the Planet Earth*  
Organizers: TUM-IAS and Prof. Peter Wilderer
- November 27 - 28, 2008 (two days): Liesel Beckmann Symposium on *Gender in Medicine*  
Organizers: TUM-IAS and TUM Gender Center

### 2009

#### Inaugural Lectures

- *Digital Geometry Processing*  
Speaker: TUM-IAS Hans Fischer Senior Fellow, Prof. Peter Schröder, Dept. of Computer Science, Caltech, Pasadena
- *Computational Bone Mechanics: A patient-specific combined engineering/clinical treatment approach*  
Speaker: TUM-IAS Hans Fischer Senior Fellow, Prof. Zohar Yosibash Head Computational Mechanics Lab, Dept. of Mechanical Engineering, Ben-Gurion University, Beer-Sheva, Israel

- *Nanoelectronics Research at Notre Dame*  
Speaker: TUM-IAS Hans Fischer Senior Fellow, Prof. Wolfgang Porod,  
Notre Dame University
- *Are the high-temperature superconductors semi-metals?*  
Speaker: TUM-IAS Hans Fischer Senior Fellow, Prof. Douglas Bonn  
University of British Columbia, Department of Physics and Astronomy

## Events

- April 23–24, 2009 (two days): TUM-IAS General Assembly
- April 26–May 1, 2009 (6 days): Workshop on *New Physics, Flavors and Jets*  
Organizers: TUM-IAS Fellow Prof. Andrzej Buras, Prof. Gerhard Buchalla (LMU), Dr. Andre Hoang (MPI), and Prof. Thomas Mannel (Siegen University)
- May 8, 2009 (one day): Workshop on *Advances in Risk Analysis and Stochastic Modeling*  
Organizers: TUM-IAS Focus Group Risk Analysis and Stochastic Modeling
- May 14, 2009 (one day): Workshop on *Challenges and Opportunities of V2X-Communication*  
Organizer: TUM Chair of Traffic Engineering and Control
- June 8, 2009 (one day): Workshop on *The Gordian knot in environmental water science: predictions of water cycles and water quality in (human) environmental systems of intermediate complexity*  
Organizers: TUM-IAS and Prof. Peter Wilderer
- July 12–18, 2009 (7 days): German-French Summer University on *The Future of Mobility*  
Organizers: TUM (Prof. Gebhard Wulfhorst; Spatial Structure and Transportation Planning) and the Laboratoire d'Economie des Transports (LET)/Ecole Nationale des Travaux Publics de l'Etat (ENTPE)
- July 26– 31, 2009 (6 days): 11th International Fischer-Symposium on *Microscopy in Electrochemistry*  
Organizers: TUM-IAS Fellows Prof. Ulrich Stimming and Dr. Julia Kunze-Liebhäuser
- October 18– 20, 2009 (three days): Conference on *The Impact of Control: Past, Present, and Future*  
Organizers: TUM-IAS Fellow Prof. Anuradha Annaswamy, TUM-IAS Host Prof. Martin Buss, and the very active involvement of the IEEE Control System Society
- October 22, 2009 (one day): Symposium on *Darwin's Impact on Technology*  
Organizers: TUM-IAS and Carl von Linde-Akademie

- November 26, 2009 (one day): Liesel Beckmann Symposium on *Gender in Teaching*  
Organizers: TUM-IAS and TUM Gender Center

## 2010

### Inaugural Lectures

- *Fundamental Physics*  
Speakers:  
Carl von Linde Senior Fellow, Prof. Andrzej Buras  
Carl von Linde Junior Fellow, Dr. Martin Gorbahn  
Hans Fischer Senior Fellow, Prof. Gino Isidori  
Hans Fischer Senior Fellow, Prof. Stefan Pokorski
- *Tackling the Multi-Challenge - Multi-Physics*  
Speaker: Carl von Linde Junior Fellow, Dr. Miriam Mehl  
Dept. of Computer Science, TUM
- *Estimating Structural Breaks in Time Series*  
Speaker: Hans Fischer Senior Fellow, Prof. Richard A. Davis  
Department of Statistics, Columbia University
- *Infinite Divisible Stochastic Processes*  
Speaker: TUM-IAS Visiting Fellow, Prof. Jan Rosinski  
Department of Mathematics, University of Tennessee
- *Challenges and Structure of Multidimensional Problems*  
Speaker: Hans Fischer Senior Fellow, Prof. Markus Hegland  
Mathematical Sciences Institute, Australian National University, Canberra
- *Clinical Cell Processing*  
Speakers:  
Host, Prof. Dirk Busch  
Hans Fischer Senior Fellow, Prof. Stanley Riddell  
Carl von Linde Junior Fellow, Dr. Christian Stemberger
- *Modeling Product Architecture with Graph Theory and Graph Transformation*  
Speaker: Hans Fischer Senior Fellow, Prof. Matthew I. Campbell  
Dept. of Mechanical Engineering, University of Texas at Austin
- *Magnetic Resonance Imaging Physics: Where will the future take us?*  
Speaker: Carl von Linde Senior Fellow, Prof. Axel Haase  
IMETUM (Zentralinstitut für Medizintechnik), TUM

## Events

- February 1, 2010 (one day): Workshop on *Statistical Methods and Models*  
Organizers: TUM-IAS Carl von Linde Senior Fellow, Prof. Claudia Klüppelberg and TUM-IAS Start-up Funding Recipient, Prof. Chris-Carolin Schön
- March 24, 2010 (one day): Lecture on *The Algebra of Fast Transforms: Banded Matrices with Banded Inverses*  
Keynote speaker: Visiting Fellow, Prof. Gilbert Strang (MIT)
- March 25, 2010 (one day) *Ohm Lecture*  
Keynote speaker: Visiting Fellow, Prof. Gilbert Strang (MIT)
- April 8, 2010 (one day) Workshop on *Peptides as Drugs*  
Keynote speakers:  
Prof. Chaim Gilon (Hebrew University Jerusalem) on *Conversion of Peptides and Active Regions in Proteins into Drug Leads*  
Visiting Fellow, Prof. Victor J. Hruby (University of Arizona) on *The Chemistry of Human Behavior*
- April 11-13, 2010 (three days): TUM-IAS General Assembly  
The second TUM-IAS General Assembly took place at Hotel Schloss Berg at Lake Starnberg and brought together the TUM-IAS community including TUM-IAS Fellows, Board of Trustees members, the Advisory Council, TUM-IAS Hosts, and doctoral candidates directly connected to the activities of the Institute. The TUM-IAS wants to foster an active community of scientists based on dialogue and communication. By organizing the General Assembly TUM-IAS gives its members the possibility to meet, to exchange ideas and to learn about each others' research. Fellows of the Institute presented their research projects, with an emphasis on what they viewed as the main research issues in their respective fields  
  
Keynote speakers:  
Hans Fischer Senior Fellow, Prof. Walter Kucharczyk on "*Novel Imaging Guidance Methods for Excisionless Tumor Diagnosis and Treatment*"  
Carl von Linde Junior Fellow, Dr. Julia Kunze-Liebhäuser on "*Electrochemistry Research in Energy Conversion and Storage – from Fundamentals to Nanotechnology Applications*"  
Hans Fischer Senior Fellow, Prof. Peter Schröder on "*Geometric Modeling: From Entertainment to Engineering*"
- May 3-5, 2010 (three days): Workshop on *Waiting for the LHC: Electroweak and Flavour Dynamics*  
Organizer: TUM-IAS Focus Group Fundamental Physics
- June 18-19, 2010 (two days): Symposium on *Synapses Twenty Ten*  
Organizer: Carl von Linde Senior Fellow, Prof. Arthur Konnerth; symposium on the occasion of Prof. Josef Dudel's 80<sup>th</sup> birthday

- June 23, 2010 (one day): Conference on *Earth System Engineering: Methods for Sustainable Solutions of Global Crisis*  
Organizers: TUM –IAS, Carl von Linde-Akademie, International Expert Group on Earth System Preservation (IESP)
- June 28, 2010 (one day): Workshop on *Information-Based Analysis and Design of Networked Control Systems*  
Organizers: TUM-IAS Focus Group Networked Dynamical Systems, and DFG funded priority program SPP1305
- June 30 - July 4, 2010 (five days): Jacques-Monod-Conference on *Imaging Brain Circuits in Health and Disease*  
Chairman: Carl von Linde Senior Fellow, Prof. Arthur Konnerth
- July 19 – 23, 2010 (five days): *TÜV Süd Stiftung Student-Workshop*  
Organizer: TÜV Süd Stiftung Visiting Professor, Prof. Steven D. Glaser
- July 21-22, 2010 (two days): TUM-IAS Summer Seminars  
Speaker: Visiting Fellow, Prof. Leon Chua (University of California, Berkeley, USA) on “*Memristor Brains and Minds*” and “*Nonlinear Dynamics: Perspective on Wolfram's New Kind of Science*”
- September 8-9, 2010 (two days): International Symposium on *Frontiers of Nanoelectronics*  
Organizers: TUM-IAS, TUM Institute for Nanoelectronics (Prof. Paolo Lugli, Prof. Peter Russer), and Fraunhofer Research Institution for Modular Solid State Technologies (EMFT) (Prof. Karlheinz Bock)
- September 16, 2010 (one day): Lecture on *Pattern-Based Control - Basic Ideas and Application to Power Systems for Dynamic Learning Control of Unknown Systems via Partial Models Learned in Prior Experiences*  
Keynote speaker: Visiting Fellow, Prof. David J. Hill (Australian National University)
- September 17, 2010 (one day): Lecture on *Theory of Force-Induced Ligand-Receptor Unbinding*  
Keynote speaker: Hans Fischer Senior Fellow, Prof. Robijn Bruinsma (University of California, Los Angeles)
- October 3-6, 2010 (four days): *3rd International Workshop on Cellular and Molecular Mechanisms of Axon Degeneration*  
Organizers: TUM-IAS Focus Group Neuroscience, and Prof. Martin Kerschensteiner (LMU)
- October 5, 2010 (one day): *Annual Meeting Synbreed (Open Science Session)*  
Organizer: TUM-IAS Start-up Funding Recipient, Prof. Chris-Carolin Schön

- October 7-9, 2010 (three days): Conference on *Flavor Physics: Strong Dynamics, Rare Decays and New Phenomena*  
Organizers: TUM-IAS Focus Group Fundamental Physics
- October 12, 2010 (one day): Lecture on *Quantum Dots with Photonic Crystal Nanocavity for Nanophotonic Application*  
Speaker: Hans Fischer Senior Fellow, Prof. Yasuhiko Arakawa (University of Tokyo)
- October 13, 2010 (one day): Lecture on *Robots and the Human*  
Speaker: Visiting Fellow, Prof. Oussama Khatib (Stanford University, USA)
- October 21, 2010 (one day): TUM-IAS Building Opening Celebration
- October 22, 2010 (one day): TUM-IAS Symposium on *Energy and Electromobility – Exploring the Fundamental Research Challenges*
- October 25-26, 2010 (two days): International Symposium on *Advances in Nanoscience*  
Organizers: TU-IAS, Nanosystems Initiative Munich (NIM), Center for Nanotechnology and Nanomaterials (ZNN; Walter Schottky Institute)
- November, 3-4, 2010 (two days): Workshop on *Bone Simulations, Experimentations and their Applications in Clinical Practice*  
Organizers: TUM-IAS Focus Group Computational Bio-Mechanics (Prof. Ernst Rank, TUM; Prof. Zohar Yosibash, Ben-Gurion University)
- November 12, 2010 (one day): Lecture on *Systems Theory: a Retrospective and Prospective Look*  
Speaker: Visiting Fellow, Prof. Sanjoy Mitter (MIT, USA)
- November 18, 2010 (one day): Symposium *Risiken, Krisen, Katastrophen: Wie lassen sich Extremereignisse beherrschen?*  
Organizers: TUM-IAS, Carl von Linde-Akademie, Deutsches Museum
- November 25, 2010 (one day): Beckmann Symposium on *Gender in Management Studies*  
Organizers: TUM-IAS and TUM Gender Center
- December 7, 2010 (one day): lecture on *Who knew!? Health Advancing Discoveries for Women*  
Speaker: Visiting Fellow, Prof. Jerilynn Prior (University of British Columbia, Canada)

## 2011

### Inaugural Lectures

- *Exploring Functional Molecules on Surfaces*  
Speaker: Carl von Linde Junior Fellow, Dr. Wilhelm Auwärter  
Molecular Nanoscience and Chemical Physics of Interfaces, TUM
- *Entropy of systems with nonlocal interactions*  
Speaker: Carl von Linde Junior Fellow, Dr. Vladimir Garcia-Morales  
Interfaces and Nonlinear Dynamics, TUM
- *Sequence, Structure, Function: An Insider's View on Protein Structural Genomics (Farewell Lecture)*  
Speaker: Carl von Linde Junior Fellow, Dr. Marco Punta  
Bioinformatics, TUM
- *Physics and chemistry at hybrid semiconductor interfaces*  
Speaker: Carl von Linde Junior Fellow, Dr. Ian Sharp  
Experimental Semiconductor Physics, TUM
- *Non-normal & Nonlinear Dynamics of Thermoacoustic Instabilities*  
Speaker: Hans Fischer Senior Fellow, Prof. Raman I. Sujith  
Dept. of Aerospace Engineering, Indian Institute of Technology Madras
- *1/3 – Towards a Global Design Exchange*  
Speaker: Hans Fischer Senior Fellow, Prof. Christian Werthmann  
Graduate School of Design, Harvard University

### Events

- January 25, 2011 (one day): Fireside Chat on *Sources of Energy for the Future*  
Organizers: TUM-IAS, BMW
- February 10, 2011 (one day): *Japanese-German-Energy Symposium*  
Organizers: TUM-IAS Fellows Prof. Ulrich Stimming and Dr. Julia Kunze-Liebhäuser
- February 11, 2011 (one day): Workshop on *Statistical Methods and Models*  
Organizer: TUM-IAS Fellow, Prof. Claudia Klüppelberg
- February 17, 2011 (one day): Discussion Round on *Evaluation of Scientists*  
Organizer: TUM-IAS
- February 28, 2011 (one day): Symposium *Frontiers in Medicinal Chemistry*  
Organizer: TUM-IAS Fellow, Prof. Horst Kessler

- March 22, 2011 (one day): Lecture on *Innovationen als Schlüssel für die Zukunft der Mobilität*  
Speaker: Dr. Thomas Weber (Entwicklungsvorstand Daimler)
- March 23, 2011 (one day) Workshop on *Grid and Cloud Computing for Computational (Bio-) Statistics*  
Organizers: Bioinformatics, TUM (TUM-IAS Host: Prof. Burkhard Rost)
- March 31- April 1, 2011 (two days): 4th International GOCE User workshop  
Organizers: TUM-IAS Focus Group Satellite Geodesy, ESA
- April 6, 2011 (one day): Talk of Dr. Philipp Gerbert (Boston Consulting Group) on *Rebuilding the Energy Infrastructure*  
Organizer: TUM-IAS
- May 4-6, 2011 (three days): TUM-IAS General Assembly and Board of Trustees Meeting (Schloss Hohenkammer)  
Organizer: TUM-IAS
- May 10, 2011 (one day): Talk of TUM-IAS Visiting Fellow Rutger van Santen on *CH activation versus O insertion in selective oxidation of ethylene and benzene*  
Organizer: TUM-IAS
- May 12, 2011 (one day): Talk of TUM-IAS Visiting Fellow Sanjoy Mitter on *A Variational Approach to Nonlinear Estimation*  
Organizers: TUM-IAS, Mathematics Analysis Seminar
- May 13, 2011 (one day): Talk of TUM-IAS Visiting Fellow Matthew Juniper on *Hydrodynamic instabilities in aircraft gas turbine engines*  
Organizer: TUM-IAS
- May 17, 2011 (one day): Panel discussion on *Integrative Organization of Complex Dynamical Systems*  
Organizer: TUM-IAS
- May 24, 2011 (one day): Lecture of TUM-IAS Visiting Fellow Elke Weber on *When do we want it? "Now! A query theory and neuroscience account of intertemporal preference construction*  
Organizer: TUM-IAS
- May 25, 2011 (one day): Philosophy Program on *Was macht eine unternehmerische Universität aus?*  
Organizer: TUM-IAS
- May 27, 2011 (one day): Talk by Fumiko Tajima on *A Broader Look at the Magnitude-9 Tohoku Earthquake*  
Organizer: TUM-IAS

- May 27, 2011 (one day): Talk of TUM-IAS Visiting Fellow Peter Schmid on *Flow control design by Galrkin projection and system identification*  
Organizer: TUM-IAS
- May 31, 2011 (one day): Talk of TUM-IAS Board of Trustees member Frank E. on *Nano-Technology and Design Problems in Present and Future Hard Disk Drives*  
Organizer: TUM-IAS
- June 6, 2011 (one day): Lecture Series Schaltstelle Gehirn. Von der Evolution des Geistes. First speech: *Geist-Gehirn-Maschine*  
Organizers: CvLA and TUM-IAS
- June 7, 2011 (one day): Diesel Reloaded Kick-off Event  
Organizer: TUM-IAS Fellow, Prof. Gernot Spiegelberg
- June 14, 2011 (one day): IGSSE Doctoral Symposium on *Statistical Space-time Modelling for Wind Power Forecasts*  
Organizers: TUM-IAS and IGSSE
- June 15, 2011 (one day): Talk of TUM-IAS Visiting Fellow Jurg Keller on *Bio-Electrochemical Processes – A new Platform Technology with Broad Applications*  
Organizer: TUM-IAS
- June 19-22, 2011 (four days): International Scanning Probe Microscopy Conference, ISPM 2011  
Organizers: TUM-IAS Host, Prof. Johannes Barth and TUM-IAS Fellow, Dr. Willi Auwärter
- June 20, 2011 (one day): Lecture Series Schaltstelle Gehirn. Von der Evolution des Geistes. Second speech: *Die Entdeckung der Natur des Geistes*  
Organizers: CvLA and TUM-IAS
- June 24, 2011 (one day): Munich Bioinformatic Retreat 2011  
Organizers: Rostlab and TUM-IAS
- June 27, 2011 (one day): Lecture Series Schaltstelle Gehirn. Von der Evolution des Geistes. Third speech: *Optimale künstliche Intelligenz*  
Organizers: CvLA and TUM-IAS
- June 30, 2011 (one day): Talk of TUM-IAS Fellow Chin Man Mok on *An Adaptive Reliability-Based Decision Framework For Water And Hazard Management*  
Organizer: TUM-IAS

- July 5, 2011 (one day): Lecture of Alexander Efremov on *Handling Qualities Research in Russia*  
Organizer: TUM-IAS Focus Group “Aircraft Stability and Control”
- July 6, 2011 (one day): Talk of TUM-IAS Fellow Chin Man Mok on *Environmental, Hydrologic, and Geotechnical Applications of Reliability Analyses*  
Organizer: TUM-IAS
- July 11, 2011 (one day): Lecture Series Schaltstelle Gehirn. Von der Evolution des Geistes. Fourth speech: *Forschen an der Schnittstelle von Gehirn und Computer*  
Organizers: CvLA and TUM-IAS
- July 11, 2011 (one day): MSE lecture by TUM-IAS Fellow Chin Man Mok on *The expanding world of engineering: a glimpse from my path*  
Organizers: MSE and TUM-IAS
- July 13, 2011 (one day): MAC Summer Workshop 2011  
Organizer: TUM-IAS Focus Group HPC
- July 14, 2011 (one day): Talk of Honorary Hans Fischer Senior Fellow Andreas S. Schulz on *The Rank of Cutting-Plane Proof Systems*  
Organizer: TUM-IAS
- July 14, 2011 (one day): Talk of TUM-IAS Visiting Fellow Bruno Scrosati on *Lithium Batteries – a look into the future*  
Organizer: TUM-IAS
- July 14, 2011 (one day): Talk of TUM-IAS Visiting Fellow Songi Han on *Probing Molecular Interactions with Highly Amplified Magnetic Resonance Spectroscopy*  
Organizer: TUM-IAS
- July 14, 2011 (one day): Seminar on Nanoantennas: recent developments and perspectives  
Organizer: TUM-IAS Fellow Prof. Wolfgang Porod
- July 15, 2011 (one day): Talk of TUM-IAS Visiting Fellow Wolfgang Kröger on *Fukushima - Nuclear Safety Being Put to the Acid Test*  
Organizer: TUM-IAS
- July 19, 2011 (one day): Fireside Chat on *The City of the Future*  
Organizers: TUM-IAS, BMW

- July 20, 2011 (one day): Lecture of Naira Hovakimyan on *L1 Adaptive Control and Its Transition to Practice*  
Organizers: TUM-IAS Focus Group Aircraft Stability and Control
- July 21-22, 2011 (two days): International Workshop on Advances in Photovoltaic and Photocatalysis  
Organizer: TUM-IAS Host Prof. Paolo Lugli
- July 25-28, 2011 (four days): TUM-UBC interdisciplinary workshop on Multimodal & Sensorimotor Bionics  
Organizers: UBC and TUM-IAS
- July 25, 2011 (one day): Lecture Series Schaltstelle Gehirn. Von der Evolution des Geistes. Fifth speech: *Robotik und Autonome Intelligente Systeme*  
Organizers: CvLA and IAS
- August 1-5, 2011 (five days): Summer Camp on Computational Design Synthesis  
Organizers: TUM-IAS Fellow Matthew Campbell, TUM-IAS Host Kristina Shea
- September 3-10, 2011 (eight days): EMBO practical course  
Organizer: TUM-IAS Fellow Prof. Arthur Konnerth
- September 7, 2011 (one day): Talk given by TUM-IAS Visiting Fellow Brian D. O. Anderson on *Control and Information Architectures for Formations*  
Organizer: TUM-IAS
- September 6-9, 2011 (four days): TUM-UBC international workshop on *Coherence and Decoherence at Ultracold Temperatures*  
Organizers: UBC and TUM-IAS
- September 12-13, 2011 (two days): International workshop on *Frontiers of Functional Interfaces*  
Organizers: TUM-IAS Fellows Gerhard Abstreiter and Ian Sharp
- September 12, 2011 (one day): Workshop on *the Numerical Solution of the Chemical Master Equation in Molecular Biology*  
Organizer: TUM-IAS Fellow Markus Hegland
- September 13-14, 2011 (two days): Symposium *From Risk Perception to Safety Management – Today and Tomorrow*  
Organizer: TÜV Fellow Prof. Hollnagel

- September 28-29, 2011 (two days): International Symposium on *Cardiovascular Prevention in Childhood - New Insight*  
Organizers: Renate Oberhoffer and John Hess (German Heart Centre)
- September 30, 2011 (one day): Seminar of TUM-IAS Visiting Fellow Prof. Víctor Pérez Abreu (CIMAT) on *Random Matrices and Free Probability*  
Organizer: TUM-IAS
- September 30, 2011 (one day): Public Talk given by Dr. Andrej Jokic, TU Eindhoven on *Market-Based Power Systems A Control Perspective* (Vorhoelzer Forum)  
Organizer: Focus Group Networked Dynamical Systems
- October 1, 2011 (one day): Seminar of TUM-IAS Visiting Fellow Prof. Víctor Pérez Abreu (CIMAT) on *“Random Matrices and Free Probability”*  
Organizer: TUM-IAS
- October 13-14, 2011 (two days): Symposium *“Metropolis Nonformal Landscape, Infrastructure and Urbanism in the Global South”*  
Organizers: TUM-IAS Fellow Prof. Christian Werthmann/Prof. Regine Keller
- October 13-15, 2011: International symposium on *“Exercise and Cancer - Impact on prevention and prognosis”* (Klinikum rechts der Isar)  
Speaker: TUM-IAS Visiting Fellow Prof. Steven N. Blair, talk on *“How to help your patients maintain healthful levels of physical activity”*  
Organizer: TUM-IAS and Klinikum rechts der Isar
- October 14, 2011 (one day): Seminar of TUM-IAS Visiting Fellow Prof. Víctor Pérez Abreu (CIMAT) on *“Random Matrices and Free Probability”*  
Organizer: TUM-IAS
- October 15, 2011 (one day): Tag der offenen Tür Garching
- October 25, 2011 (one day): Workshop on *Frontiers in DNA Nanoscience: Designed Nucleic Acid Structures in Physics, Chemistry, and Biology*  
Organizer: TUM-IAS Fellow Prof. Hendrik Dietz, ZNN
- October 27-29, 2011 (three days): Colloquium *“Continuity in Energy Regimes”*  
Organizers: TUM-IAS and UBC
- November 10, 2011 (one day): First lecture of a lecture series on *Science and Society – Meet with Excellence: “Engineering for a sustainable society – 2030, technology that will change the world”* (Prof. Rutger van Santen)  
Organizer: TUM-IAS
- November 24, 2011 (one day): TUM-IAS Faculty Day on *“Wie misst man wissenschaftliche Leistung“*  
Organizer: TUM-IAS

- November 27-30, 2011 (four days): *The 12th Otto Loewi Symposium* at the Inter University Institute in Eilat, Israel  
Organizer: TUM-IAS Visiting Fellow Prof. Yosi Yarom and TUM-IAS Carl von Linde Senior Fellow Prof. Arthur Konnerth
- November 29-30, December 2, 5-6, 2011 (five days): Lecture Series *Risk-Based Subsurface Environmental Management*  
Organizer: TUM-IAS Rudolf Diesel Industry Fellow Dr. Bill Mok and Prof. Daniel Straub
- December 15, 2011 (one day): Lecture Series on *Science and Society – Meet with Excellence: “Städte im Dunkeln – Sozio-ökologische Infrastruktur für die explodierenden Megaslums der Welt”* (Prof. Christian Werthmann)  
Organizer: TUM-IAS