

2023

- 30.11.2023 Nevada Distinguished Physical Chemistry Lectures
332 Knowledge Center Wells Fargo Auditorium, University of Nevada, Reno, NV, USA
Announcing the Oscar for Best Supporting Actor: Water
- 29.11.2023 Nevada Distinguished Physical Chemistry Lectures
331 Department of Chemistry, University of Nevada, Reno, NV, USA
Probing free energy in reactions by THz spectroscopy – Ask the water!
- 10.11.2023 Nanofluidic Seminar (virtual meeting), hosted by Center for Enhanced Nanofluidic
330 Transport (CENT), Cambridge, MA, USA
Probing the solvent-free energy in reactions by THz calorimetry
- 26.10.2023 CiM-IMPRS Interdisciplinary Graduate School Meeting – Cells in Action
329 Max Planck Institute for Molecular Biomedicine, Münster
Liquid–liquid phase separation? Ask the water!
- 13.08.2023 266th ACS National Meeting "Electrocatalysis for Sustainable Energy: Fundamental,
328 Applications, & Perspective", San Francisco, CA, USA
Stripping away ion hydration shells in electrical double layer formation: Water networks matter
- 10.08.2023 Symposium on Advances in Photochemistry
327 London Institute for Advanced Light Technologies, Imperial College London, UK
Caught in the act: Optical Pump THz probe allows real-time observation of the solvent response subsequent to photoexcitation
- 01.08.2023 GRC "Structural, Dynamic and Reactive Properties in the Liquid Phase"
326 Gordon Research Conference, Holderness, NH, USA
THz spectroscopy provides a conceptual framework for a molecular understanding of solvation enthalpy and entropy
- 26.07.2023 4th Aqueous Supramolecular Chemistry Workshop, Bozeman, MT, USA
325 *Probing free energy in reactions by THz spectroscopy – Ask the water!*
- 26.06.2023 TSRC Workshop "Water Structure, Dynamics and Thermodynamics in Biology"
324 Telluride Science Research Center (TSRC), Telluride, CO, USA
Liquid–liquid phase separation? Ask the water!
- 06.03.2023 Physics Colloquium, Department of Physics, ETH Zurich, Switzerland
323 *Probing free energy in reactions by THz spectroscopy - Ask the water*
- 28.02.2023 Symposium on Size Selected Clusters (S³C 2023), Sunstar Hotel Davos, Switzerland
322 *Water solvation, step by step*
- 02.02.2023 Physics Colloquium, Institute of Physics, University of Kassel
321 *It is water what matters!*

2022

- 24.11.2022 SPO 2022 – 23rd International Young Scientists Conference Optics and High

- 320 Technology Material Science (virtual meeting), hosted from Faculty of Physics, Taras Shevchenko National University of Kyiv, Ukraine
Terahertz technology at the frontier of Chemistry
- 16.09.2022 Annual Meeting: Molecular Liquids at Interfaces
319 European/Japanese Molecular Liquids Group (EMLG/JMLG), Barcelona, Spain
The stressed solvent: THz calorimetry probing the solvent in action
- 05.09.2022 BDS2022 – 11th Conference on Broadband Dielectric Spectroscopy and its
318 Applications, Donostia - San Sebastian, Spain
Probing local solvation dynamics
- 11.08.2022 GRC "Frontiers in Size-Selected Cluster Research: Structure, Reactivity and Dynamics"
317 Gordon Research Conference, Renaissance Tuscany Il Ciocco, Lucca (Barga), Italy
Low frequency spectra of water clusters, one by one
- 06.07.2022 German Chemical Society (GDCh) Colloquium
316 Department of Chemical Biology, University of Marburg
It is water what matters!
- 28.06.2022 TSRC Workshop "Hydrophobicity: From Theory, to Simulation, to Experiment"
315 Telluride Science Research Center (TSRC), Telluride, CO, USA
Spectroscopic fingerprints of cavity formation and solute insertion as a measure of hydration entropic loss and enthalpic gain
- 17.06.2022 CECAM Workshop "Challenges of molecular spectroscopy: Theory meets experiment"
314 Lausanne, Switzerland
Tunneling in hydrogen bonded clusters: The more excited - the easier?
- 30.05.2022 SolvATE Meeting of French Research Group on Solvation, Paris, France
313
The stressed solvent: THz calorimetry probing the solvent in action
- 17.05.2022 XXth International Workshop on Quantum Atomic and Molecular Tunneling Systems
312 (QAMTS), Canmore, Alberta, Canada
Tunneling in hydrogen bonded clusters: The more excited - the easier?
- 2021**
- 17.12.2021 Pacifichem 2021, Symposium Advances in Hydrogen Bond Research (virtual meeting)
311 hosted by The Chemical Society of Japan (CSJ), Honolulu, Hawaii, USA
Ultracold chemistry under stardust conditions
- 16.12.2021 Pacifichem 2021, Symposium Biomolecules at Interfaces Defining the Cellular
310 Environment (virtual meeting), hosted by The Chemical Society of Japan (CSJ), Honolulu, Hawaii, USA
Local mutations can serve as a game changer for global protein solvent interaction
- 23.08.2021 11th International Conference on Advanced Vibrational Spectroscopy (ICAVS 11)
309 (virtual meeting), hosted from Targi w Krakowie Ltd., Krakow, Poland
An isolated water droplet in the aqueous solution of a supramolecular tetrahedral cage as observed by THz spectroscopy
- 20.08.2021 IUPAC/CCCE Symposium Hydrophobic Effects and Water-Mediated Self-Assembly
308 (virtual meeting), hosted from Chemical Institute of Canada, Montreal, Canada

Wrapping up hydrophobic hydration – Locality matters

- 12.07.2021 Protein Dynamics Workshop (virtual meeting)
307 hosted from Telluride Science Research Center (TSRC), Telluride, CO, USA
The key role of solvent in condensation: Mapping hydration water in liquid-liquid phase-separated FUS
- 28.06.2021 Water Structure, Dynamics and Thermodynamics in Biology (virtual meeting)
306 hosted from Telluride Science Research Center (TSRC), Telluride, CO, USA
The key role of solvent in condensation and host-guest interaction under nanoconfinement
- 25.06.2021 Seminar Journée IP2CT2021 (virtual meeting)
305 hosted from Institut Parisien de Chimie Physique et Théorique (IP2CT), Paris, France
Spectroscopy in superfluid helium nanodroplets: "A cool topic"
- 22.06.2021 Conference on Lasers and Electro-Optics Europe (CLEO/Europe) and the European
304 Quantum Electronics Conference (EQEC) 2021 (virtual meeting)
hosted from The Optical Society (OSA), Munich
Nonlinear THz spectroscopy to study the solvent dynamics in water
- 29.03.2021 Seminar Department of Physics, Freie Universität Berlin (virtual meeting)
303 hosted from AG Theoretical Bio- and Soft Matter Physics, FU Berlin
Proton conduction probed with THz spectroscopy
- 25.03.2021 DESY CMWS (Centre for Molecular Water Science) Days 2021 (virtual meeting)
302 hosted from Deutsches Elektronen-Synchrotron DESY, Hamburg
It is water what matters

2016-2020

- 18.11.2020 Training Event for the Fellows of the Innovative Training Network PROTON
301 (virtual meeting), hosted from Universität Linz, Austria
Watching the solvent quake – Optical pump THz probe spectroscopy in liquid phase
- 11.11.2020 45th International Conference on Infrared, Millimeter, and Terahertz Waves,
300 IRMMW-THz 2020 (virtual meeting), hosted from Buffalo, New York, USA
Caught in the act: Excited-state proton transfer to the solvent followed in real time by non-linear THz spectroscopy
- 30.10.2020 Chemistry and Biochemistry Departmental Colloquium at UCSB (virtual meeting)
299 hosted from Santa Barbara, CA, USA
It is water what matters
- 18.08.2020 ACS Symposium "Biophysical Chemistry in Complex Environments" (virtual meeting)
298 hosted from San Francisco, CA, USA
Mapping hydration water in liquid-liquid phase separated FUS by THz spectroscopy: The role of solvent thermodynamics in biomolecular condensation
- 25.02.2020 Physical Chemistry Seminar, Department of Chemistry, UC Berkeley, CA, USA
297
It is water what matters – Change in hydrogen network dynamics in real time probed by linear and non-linear THz experiments
- 17.01.2020 15th SOLEIL Users' Meeting, Paris, France

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- 296 *THz measurements to study solvation under extreme conditions*
- 29.11.2019 Physikalisches Kolloquium, Universität Heidelberg
- 295 *Die unterschätzte Rolle des Wassers bei biologischen Prozessen - der THz Tanz des Wassers*
- 12.11.2019 The 12th Intl. Photonics and OptoElectronics Meetings, POEM 2019, Wuhan, China
- 294 *Observing the solvent quake by (non) linear THz spectroscopy*
- 30.07.2019 The 14th Femtochemistry Conference, FEMTO 14, Shanghai, China
- 293 *Studying solvation of photoexcited pyranine by non-linear THz spectroscopy*
- 18.06.2019 Workshop on Water structure, Dynamics and Thermodynamics in Biology
- 292 Telluride, CO, USA
Wrapping up hydrophobic hydration – locality matters
- 21.05.2019 WE-Heraeus Seminar Quantum Fluid Clusters 2019, Bad Honnef
- 291 *Acid solvations versus dissociation at "Stardust conditions": Reaction sequence Matters*
- 13.12.2018 Intl. Conference in Complex & Functional Materials (ICCFM 2018) Kolkata, India
- 290 *Studying solvation of photoexcited pyranine by non-linear THz spectroscopy*
- 18.09.2018 Biennial Meeting of the German Biophysical Society, Düsseldorf
- 289 *Water in biology*
- 13.09.2018 Keynote speaker at IRMMW-THz 2018, Nagoya, Japan
- 288 *Catching a glimpse of transient "ferroelectric" water and ultrafast solvent rearrangement by nonlinear THz spectroscopy*
- 04.09.2018 10th Intl. Meeting on Photodynamics and related aspects (IMPRA)
- 287 Cartagena, Colombia
Studying solvation dynamics of photo-excited solutes by non-linear THz spectroscopy
- 07.06.2018 9th Intl. Meeting on Atomic and Molecular Physics and Chemistry (IMAMPC-2018)
- 286 Helmholtz Zentrum Berlin
It is water what matters
- 17.05.2018 GDCh-Kolloquium Universität Tübingen
- 285 *It is water what matters*
- 20.04.2018 Kolloquium Universität Hamburg
- 284 *It is water what matters*
- 04.03.2018 Austin Symposium on Molecular Structure and Dynamics, Dallas, Texas, USA
- 283 *Stepwise Solvation at Ultracold Temperature*
- 04.10.2017 8th Intl. THz-Bio Workshop, ENEA Frascati, Italy
- 282 *Water mapping by THz calorimetry or where spectroscopy meets calorimetry*
- 30.09.2017 Physikerinnentagung 2017, Ilmenau
- 281 *It is water – what matters*
- 31.07.2017 Workshop on Protein Dynamics, Telluride Science Research Center, CO, USA
- 280 *Water mapping by THz calorimetry*
- 28.06.2017 Workshop on Challenges in dissecting and understanding nuclear acid electrostatics

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- 279 Telluride Science Research Center, CO, USA
Ion hydration as probed by THz spectroscopy
- 03.05.2017 Kolloquium Helmholtz-Zentrum Dresden-Rossendorf
278 *It is water what matters: THz Spektroskopie – eine neue Methode zur Untersuchung von Solvationsprozessen*
- 24.02.2017 Joint meeting German and Czech Biophysicists, Kloster Hünfeld
277 *THz calorimetry in biophysics*
- 03.02.2017 Sonderkolloquium Rheinische Friedrich-Wilhelms-Universität Bonn
276 *"Völlig losgelöst"*
- 08.12.2016 Photonics 2016 (plenary lecture), Kanpur, India
275 *It is water what matters: THz absorption spectroscopy as a new tool to study solvation dynamics*
- 01.12.2016 CECAM workshop Wien, Austria
274 *THz spectroscopy and Solvation Science*
- 22.11.2016 ISAS-Kolloquium Berlin
273 *THz spectroscopy and Solvation Science*
- 24.10.2016 Dortmunder Gambrinus Forum
272 *"Völlig losgelöst" Der THz-Tanz des Wassers*
- 28.10.2016 Reedijk Symposium 2016, Leiden, Netherlands
271 *Solvation Science – THz spectroscopy provides new answers to an old topic*
- 21.10.2016 24th Solvay Conference in Chemistry, Solvay Institute Bruxelles, Belgium
270 *Water mapping in enzymatic catalysis by THz spectroscopy (THz calorimetry)*
- 03.10.2016 Workshop Bio THz Göteborg, Sweden
269 *It is water what matters – THz spectroscopy as a new tool to study biomolecular hydration*
- 02.08.2016 Gordon Research Conference, Holderness, NH, USA
268 *Introduction to THz calorimetry: Hydration of hydrophobic surfaces*
- 13.07.2016 Physikalisches Kolloquium, Universität Duisburg-Essen
267 *THz spectroscopy and THz calorimetry as a novel tool in solvation science*
- 14.06.2016 Colloquium, Universität Innsbruck, Austria
266 *It is water which matters: from Ion hydration to THz calorimetry*
- 28.04.2016 Kolloquium, ISAS Dortmund
265 *It is water what matters – THz spectroscopy as a new tool to study biomolecular hydration*
- 08.04.2016 FYSICA 2016, Radboud University, Nijmegen, Netherlands
264 *Transient THz spectroscopy probes large amplitude motions of proteins and collective low frequency protein/hydration modes*
- 04.04.2016 Workshop on Protein Dynamics TSRC Konferenz, Les Houches, France
263 *Transient THz spectroscopy probes large amplitude motions of proteins and collective low frequency protein/hydration modes*

- 14.03.2016 ACS 251st National Meeting, San Diego, CA, USA
262 *Transient THz spectroscopy probes large amplitude motions of proteins and collective low frequency protein/hydration modes*
- 10.03.2016 DPG Frühjahrstagung Regensburg
261 *It is water what matters: THz absorption spectroscopy as a new tool to study solvation dynamics*
- 06.03.2016 Austin Symposium, Dallas, TX, USA
260 *Transient THz spectroscopy probes large amplitude motions of proteins and collective low frequency protein/hydration modes*
- 20.01.2016 Kolloquium anlässlich des 80sten Geburtstags von Giacinto Scoles, ICTP Trieste, Italy
259 *It is water that matters: Spectroscopy probes solvation dynamics*
- 15.01.2016 Center of NanoScience (CeNS Kolloquium), LMU München
258 *It is water what matters – THz spectroscopy as a tool to study the role of water in biomolecular function*
- 11.01.2016 MUST Annual meeting, Engelberg, Switzerland
257 *1. Closing the THz gap: experimentally and theoretically*
256 *2. Application to solvation science: Ion hydration and biomolecular solvation*

2011-2015

- 19.12.2015 Pacifichem, Honolulu, HI, USA
255 *1. THz time domain studies of water entrapped in micelles*
254 *2. Microsolvation at 0.37 K: IR spectroscopic studies of aggregates in superfluid helium nanodroplets*
- 19.12.2015 Pacifichem, Honolulu, HI, USA
253 *It is water what matters: THz absorption spectroscopy as a powerful tool to study biomolecular hydration*
- 14.10.2015 iCOMET, Chengdu, China
252 *It is water what matters: THz-absorption spectroscopy as a new tool to study solvation dynamics*
- 29.09.2015 Intl. Symposium "Assessing the future of physical Chemistry", Berlin
251 *It is water what matters: The role of water in Enzymatic Catalysis*
- 26.08.2015 IRMMW-THz Conference, Hong Kong
250 *It is water what matters: THz-absorption spectroscopy as a new tool to study solvation dynamics*
- 06.08.2015 Protein Dynamics Conference, Telluride Science Research Center, CO, USA
249 *The hydrophobic collapse as probed by Kinetic THz absorption spectroscopy*
- 30.06.2015 GDCh Kolloquium, RWTH Aachen
248 *Exploring "Solvation Science" THz-spectroscopy as a tool to study solvation dynamics*
- 22.06.2015 Intl. Symposium on Molecular Spectroscopy (plenary lecture), Urbana-Champaign, IL, USA
247 *It is water what matters: THz spectroscopy as a tool to study hydration dynamics*

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- 18.05.2015 50 Jahre 50 Vorträge, Ruhr-Universität Bochum
246 *Es kommt auf das Lösungsmittel an*
- 15.05.2015 Women's Networking Lunch, Bunsentagung 2015, Bochum
245 *Why are we still few on the top? Dreams to be realized*
- 11.05.2015 Seminarvortrag, UC Berkeley, CA, USA
244 *It is water what matters: New insights by THz absorption spectroscopy into the role of water in biological function*
- 23.04.2015 GDCh Kolloquium, Karlsruhe
243 *It is water that matters: THz absorption studies as a tool to study biomolecular hydration*
- 16.04.2015 Tulip VI Summer School, Noordwijk, Netherlands
242 *Terahertz Sepctroscopy 2*
- 15.04.2015 Tulip VI Summer School, Noordwijk, Netherlands
241 *Terahertz Sepctroscopy 1*
- 24.03.2015 Seminarvortrag Elettra, Trieste, Italy
240 *It is water what matters: THz absorption spectroscopy as a new tool to study solvation dynamics*
- 20.02.2015 Spectroscopy and Dynamics of Molecules and Clusters (SDMC) 2015, Nainital, India
239 *Exploring solvation science – spectroscopy as a tool to study solvation dynamics*
- 17.02.2015 Colloquium Indian Institute of Technology, Bangalore, India
238 *It is water which matters: studying microsolvation by IR and THz spectroscopy*
- 12.01.2015 Kolloquium, SFB 1078, FU Berlin
237 *New insights into the role of water in biological function: Terahertz absorption spectroscopy studies of the solvation dynamics of biomolecules*
- 03.10.2014 Colloquium, UC Davies, CA, USA
236 *New insights into the role of water in biological function: Terahertz absorption spectroscopy studies of the solvation dynamics of biomolecules*
- 30.09.2014 Miller lunch talk, Berkeley, CA, USA
235 *It is water which matters: studying microsolvation by IR and THz spectroscopy*
- 23.09.2014 Seminarvortrag, UC Berkely, CA, USA
234 *Solvation – new answers to an old problem: Using THz spectroscopy to gain new insights into the role of water in biological function*
- 11.09.2014 Specmo 2014, Marana Center, Corsica, France
233 *THz absorption spectroscopy a new tool to study solvation processes*
- 07.08 2014 Gordon Research Conference Vibrational Spectroscopy, Biddeford, ME, USA
232 *Rapid kinetic THz absorption spectroscopy: Following changes in the coupled protein-hydration dynamics in the real time*
- 10.07.2014 Workshop on Interfacial molecular and electronic structure and dynamics, Telluride Science Research Center, CO, USA
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- 02.07.2014 Laser Application and Life Sciences Conference, Ulm
230 *Some like it cool – THz absorption as a tool to study biomolecular hydration*

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- 05.06.2014 Water 2014 workshop, Les Houches, France
229 *Some like it cool - THz absorption spectroscopy of antifreeze proteins*
- 19.05.2014 Workshop on Protein Dynamics TSRC Konferenz, Les Houches, France
228 *Some like it cool - THz absorption spectroscopy of antifreeze proteins*
- 25.04.2014 Lecture series, ETH Zürich, Switzerland
227 *Some like it cool – THz absorption spectroscopy of AFP*
- 25.04.2014 Lecture series, ETH Zürich, Switzerland
226 *THz vibrational signatures of hydrated ions*
- 24.04.2014 Kolloquium, Universität Bern, Switzerland
225 *It is water which matters: Observing the rattling modes of ions in the THz range*
- 22.04.2014 Lecture series, ETH Zürich, Switzerland
224 *Solvation – new answers to an old problem: THz spectroscopy as a new spectroscopic tool to probe hydration*
- 22.04.2014 Lecture series, ETH Zürich, Switzerland
223 *Introduction to the tools: Experimental and simulation*
- 03.04.2014 5th THz-Bio Workshop Seoul, Korea
222 *Observing the rattling modes of ions in the THz range*
- 02.04.2014 5th THz-Bio Workshop Seoul, Korea
221 *Introduction into THz spectroscopy as a tool to probe hydration dynamics*
- 25.03.2014 IMM Colloquium, Radboud University, Nijmegen, Netherlands
220 *It is water that matters. THz absorption studies – a new tool to study biomolecular hydration*
- 20.03.2014 Kolloquium, Universität Wien, Austria
219 *Some like it cool - the role of water in biological function*
- 14.03.2014 Workshop on Adsorption of ions at solid-electrolyte interfaces, Leiden
218 *Ion Solvation – new answers to an old problem*
- 22.01.2014 AirUCI Workshop, Laguna Beach, CA, USA
217 *Solvation - new insights by THz spectroscopy*
- 05.01.2014 RSC Spectroscopy and Dynamics Meeting, University of Oxford, UK
216 *Solvation - new answers to an old problem*
- 26.09.2013 Black Forest Focus Conference, Saig, Schwarzwald
215 *Some like it cool - THz absorption studies of anti-freeze proteins*
- 16.09.2013 20th Intl. Conference on Horizons in Hydrogen Bond Research, Antwerp, Belgium
214 *Rock and roll at 0.35 K*
- 30.08.2013 23rd Colloquium on High Resolution Molecular Spectroscopy, HRMS 2013, Budapest, Hungary
213 *Rock and roll at 0.37 K - high-resolution spectroscopy of microsolvated clusters*
- 06.08.2013 Protein Dynamics Workshop, Telluride Science Research Center, CO, USA
212 *Some like it cool - Anti Freeze Proteins*
- 26.07.2013 Workshop on Vibrational Dynamics, Telluride Science Research Center, CO, USA

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- 211 *Solvation of anions and cations observed in the IR and the THz range*
- 19.06.2013 Oberseminar "Ultrakurzzeitspektroskopie", LMU München
- 210 *The role of water in biological processes*
- 19.06.2013 Quantum Fluid Clusters 2013, Regensburg
- 209 *Ultracold Chemistry Aggregation and Microsolvation at 0.37 K*
- 10.05.2013 Bunsentagung 2013, KIT, Karlsruhe
- 208 *The THz dance of water with bio-molecules*
- 02.05.2013 FELIX Kick-off Meeting, Radboud University Nijmegen, Netherlands
- 207 *Probing the role of water in biological processes by kinetic THz absorption spectroscopy (KITA)*
- 03.04.2013 OTST 2013, Kyoto, Japan
- 206 *The Terahertz vibrational signatures of hydrated ions*
- 01.04.2013 Tutorial, OTST 2013, Kyoto, Japan
- 205 *The THz dance of water with bio-molecules*
- 15.02.2013 4th THz-Bio Workshop, Seoul, Korea
- 204 *Fast solvation dynamics detected by THz spectroscopy*
- 06.02.2013 Photonics West, SPIE Conference 2013, San Francisco, CA, USA
- 203 *Watching the dance of ions and molecules in the THz*
- 25.01.2013 Kolloquium, Radboud University Nijmegen, Netherlands
- 202 *From FIR to THz spectroscopy - from the gas phase to the liquid phase*
- 14.01.2013 Colloquium, Institute for Sciences and Technology (IST), Klosterneuburg, Austria
- 201 *Solvation – new answers to an old problem*
- 08.01.2013 Societas Emeritorium Emeritarumque, Ruhr-Universität Bochum
- 200 *Das Prinzip aller Dinge ist das Lösungsmittel*
- 19.12.2012 Winter School in Theoretical Chemistry 2012, Helsinki, Finland
- 199 *1. The THz dance of water - describing hydrogen network dynamics*
- 198 *2. The THz dance of water - experimental access to hydrogen network dynamics*
- 21.11.2012 Kolloquium, Fritz-Haber-Institut Berlin
- 197 *Water at interfaces - solvation of ions and proteins*
- 01.10.2012 Polydays 2012, Berlin
- 196 *THz spectroscopy: A novel experimental tool to study water network dynamics*
- 21.08.2012 244th ACS meeting, Philadelphia, PA, USA
- 195 *Watching the dance of water in the hydration shell of ions and biomolecules in the THz frequency range*
- 02.07.2012 GDCh Kolloquium, TU Berlin
- 194 *Der THz Tanz des Wassers mit den Biomolekülen*
- 30.05.2012 FOR 618 Symposium Bochum
- 193 *Rock and Roll at 0.35 K*
- 20.05.2012 German-Russian Conference on Fundamentals an Application of Nanoscience, Berlin
- 192 *Chemical imaging with nm resolution*

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- 16.04.2012 GDCh Kolloquium TU Braunschweig
191 *Der THz Tanz des Wassers mit den Proteinen*
- 26.03.2012 ACS National Meeting, San Diego, CA, USA
190 *Correlated structural kinetics and retarded solvent dynamics at the metalloprotease active site*
- 15.03.2012 DPG Frühjahrstagung (Plenarvortrag), Stuttgart
189 *THz Spectroscopy: A novel experimental tool to study water network dynamics*
- 01.02.2012 Gordon Research Conference on Molecular & Ionic Clusters Ventura, CA, USA
188 *Rock and roll at 0.37 K - High resolution IR spectroscopy of ultracold molecular cluster*
- 08.01.2012 Meeting of the Excellence Cluster MUST – Lenk 2012, Switzerland
187 *Watching the THz dance of water in the hydration shells of ions and biomolecules*
- 05.12.2011 Hebrew University Jerusalem, Israel
186 *Watching the THz dance of water in the hydration shells of ions and biomolecules*
- 04.12.2011 Seminarvortrag - Clore-Biophysics series - Weizmann Institute, Rehovot, Israel
185 *THz spectroscopy: a novel tool to study water network dynamics*
- 30.11.2011 Workshop "Perspective in THz spectroscopy with neutrons" Helmholtz Zentrum
184 Berlin
What is the role of the solvent in biological function? A new THz look at an old question
- 18.11.2011 DESY Photon Science Seminar, Hamburg
183 *Watching the dance of water in the hydration shell of ions and biomolecules in the THz frequency range*
- 08.11.2011 Colloquium, Yale University, New Haven, CT, USA
182 *What is the role of the solvent in biological function? A new THz look at an old question*
- 10.10.2011 ICTP-KFAS Conference on Nanotechnology for Biological and Biomedical Applications,
181 Trieste, Italy
The role of water in enzymatic reactions - THz spectroscopy as a tool to probe solvation dynamics
- 01.08.2011 Gordon Research Conference on Biological Molecules in the Gas Phase & in Solution,
180 Andover, NH, USA
The THz dance of biomolecules in solution
- 29.07.2011 Workshop on Vibrational Dynamics, Telluride Science Research Center, CO, USA
179 *Correlated structural kinetics and retarded solvent dynamics at the metalloprotease active site*
- 05.07.2011 Hydroprot 2011 Conference, Paris, France
178 *Watching the dance of ions and molecules in the THz*
- 15.06.2011 Physikalisch-Chemisches Kolloquium, LMU München
177 *Detecting the chemical fingerprint in soft matter: From DNA bio nanochips to the study of ion solvation*
- 07.06.2011 Vortrag im Rahmen der Chemischen Gesellschaft zu Heidelberg

- 176 *Ein neues Frequenzfenster öffnet sich: Vom THz Tanz des Wassers mit den Proteinen bis zum Rasseln des Ions mit seiner Hydrathülle*
- 07.06.2011 Conference on "Teaching is touching the future: from vision to practice", Ruhr-Universität Bochum
175 *Visionen lokal! Der internationale Masterstudiengang Molecular Sciences and Simulation*
- 31.05.2011 482. WE Heraeus-Seminar: Helium-Nanodroplets – Confinement for cold molecules and cold chemistry, Bad Honnef
174 *Rock and Roll at 0.37 K*
- 22.05.2011 Conference on Lasers and Electro-Optic Europe, München
173 *Watching the dance of ions and molecules in the THz*
- 30.04.2011 3rd Meeting "From the witches cauldrons in materials science", Goslar
172 *Mapping chemical surfaces by IR nanoscopy*
- 07.04.2011 Faraday Discussion 150 Frontiers in Spectroscopy, Basel, Switzerland
171 *The THz dance of the protein with the water*
- 04.04.2011 Workshop on Water, Max-Born-Institut Berlin
170 *Watching the dance of ions and molecules in the THz*
- 21.03.2011 Kolloquium, ETH Zürich, Switzerland
169 *Watching the dance of ions and molecules in the THz*
- 21.01.2011 Kolloquium, Universität Würzburg
168 *Solvation im Detail verstanden: Von einzelner Ion bis zum Protein*
- 20.01.2011 Universität Würzburg
167 *Der THz Tanz des Wassers*
- 2006-2010**
- 02.12.2010 2nd Intl. Conference on "Transient Chemical Structures in Dense media", Paris, France
166 *Dynamics of water molecule around proteins*
- 01.11.2010 1st German-Russian Symposium in Nanomaterials – New Horizons, Moscow, Russia
165 *Chemical nanoscopy of surfaces and at interfaces*
- 13.09.2010 Advanced Laser Technologies Conference ALT'10, Egmond an Zee, Netherlands
164 *Watching the dance of the water with the protein*
- 10.08.2010 Gordon Research Conference on Water & Aqueous Solutions, Mount Holderness, NH, USA
163 *The THz dance of the water with the protein*
- 19.07.2010 Physikalisches Kolloquium, Ruhr-Universität Bochum
162 *Rock and roll at 0.37 K*
- 02.07.2010 Kolloquium, Universität Düsseldorf
161 *Understanding solvation on a molecular scale – An interplay between experiment and solution*
- 15.06.2010 Physikalisches Kolloquium, TU Dortmund

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- 160 *Rock and Roll at 0,37 K*
- 10.06.2010 Intl. Conference on Laser Applications in Life Sciences, Oulu, Finland
159 *The THz dance of the protein with the water*
- 21.04.2010 456. WE Heraeus-Seminar: THz radiation: generation, detection and applications, Bad Honnef
158 *Watching the dance of the protein with the water*
- 16.04.2010 Physikalisches Kolloquium, Universität Osnabrück, Austria
157 *Challenges in IR-Spectroscopy: From microsolvation towards chemical fingerprints of nanostructured surfaces*
- 09.03.2010 THz Bio Workshop and Center opening ceremony, Seoul, Korea
156 *The THz dance of the protein with the water*
- 08.02.2010 PhandTA 11, Innsbruck
155 *The THz dance of the protein with water*
- 24.01.2010 Photonics West, SPIE Conference 2010, San Francisco, CA, USA
154 *THz spectroscopy as a new tool to probe hydration dynamics*
- 12.01.2010 Water at Interfaces Conference, Institute of Advanced Study, Durham, UK
153 *The THz dance of the water with the protein*
- 17.12.2009 1st Workshop on TBONE Experiments and Applications, Karlsruhe
152 *Scanning near field infrared microscopy: Chemical Imaging on a nm scale*
- 01.12.2009 Intl. Workshop TeraTech09, Osaka, Japan
151 *The THz dance of the water with the protein*
- 19.11.2009 Physikalisches Kolloquium, Universität Rostock
150 *Ultrakalte Chemie: Höchstaufgelöste Spektroskopie im Helium-Nanotröpfchen*
- 07.11.2009 Physikerinnen-Tagung der DPG, Frankfurt
149 *Chemie bei ultrakalten Temperaturen: Beobachtung des kleinsten Tropfens Säure*
- 26.10.2009 Conference on Structure and Dynamics of Hydrogen-bonded systems, ICTP, Trieste, Italy
148 *Aggregation induced dissociation of HCl (H₂O)₄ below 1 K: The smallest droplet of acid*
- 15.09.2009 20th Intl. Congress on X-ray optics and microanalysis, Karlsruhe
147 *Scanning nearfield microscopy: Chemical imaging on a nm scale*
- 08.09.2009 Physikalisches Kolloquium, Universität Göteborg, Sweden
146 *Chemistry below 1 K: Observation of the smallest droplet of acid*
- 28.08.2009 SEADIM7 Conference, Varadero, Cuba
145 *Laser spectroscopy as a tool to study solvation: From the smallest droplet of acid towards the THz dance of the protein with the water*
- 04.08.2009 Protein Dynamics Workshop, Telluride Science Research Center, CO, USA
144 *The THz dance of the water with the protein: Direct observation of collective solvent protein network motions*
- 20.07.2009 Vibrational Dynamics Workshop, Telluride Science Research Center, CO, USA
143 *Chemistry below 1 K: Observation of the smallest droplet of acid*

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- 13.07.2009 Kolloquium, TU München
142 *From the smallest droplet of acid towards the THz dance of the protein with the water*
- 10.07.2009 41st EGAS 2009, Danzig, Poland
141 *Chemistry at ultracold temperatures: Observation of the smallest droplet of acid*
- 27.05.2009 Intl. workshop on Quantum Fluid Clusters, MPIKS, Dresden
140 *Aggregation induced dissociation of HCl(H₂O)₄ below 1 K: The smallest droplet of acid*
- 23.05.2009 Protein-Protein-Interactions: Experiment and Theory, Deutsche Gesellschaft für
139 Biophysik, Hünfeld
The THz dance of the protein with the water
- 11.05.2009 Protein and Water workshop, Tempe, AZ, USA
138 *The THz dance of the water with the protein*
- 15.04.2009 Purdue University, West Lafayette, IN, USA
137 *Understanding solvation dynamics: From the smallest droplet of acid towards the THz dance of the protein with the water*
- 20.03.2009 4th Ringberg Meeting on Molecular Physics 2009, Schloß Ringberg, Kreuth
136 *The smallest droplet of acid: IR high resolution spectroscopy of solvated HCl*
- 16.03.2009 Symposium, Universität Göttingen
135 *The THz dance of water with the protein: Direct observation of collective solvent protein network motions*
- 09.03.2009 Intl. workshop on Optical Terahertz Science, Santa Barbara, CA, USA
134 *The THz dance of the protein with water*
- 06.03.2009 Emory University, Atlanta, GA, USA
133 *From fluctuations to function and vice versa: The THz dance of the water with the protein*
- 28.02.2009 53rd Annual Meeting of the Biophysical Society, Boston, MA, USA
132 *The THz dance of water with the protein*
- 26.02.2009 Workshop Neutrons and X-rays meet biology, Helmholtz Zentrum Berlin
131 *The THz dance of the water*
- 12.02.2009 TBONE workshop ANKA, Karlsruhe
130 *The THz dance of the protein with the water*
- 11.02.2009 Kolloquium, Universität Kaiserslautern
129 *Solvatation neu aufgerollt: Vom kleinsten Säuretropfen bis zur schnellen Solvationsdynamik von Proteinen*
- 28.01.2009 Ultrafast Biochemistry Workshop, Basel, Switzerland
128 *Terahertz excitation of biomolecules*
- 20.01.2009 Kolloquium, Universität Stuttgart
127 *Vom kleinsten Säuretropfen bis zum THz Tanz des Wassers mit den Proteinen*
- 17.12.2008 Laser centre symposium 2008, Vrije Universiteit Amsterdam, Netherlands
126 *The THz dance of the protein with the water*
- 15.12.2008 Princeton, NJ, USA

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- 125 *Introduction to Spectroscopy in ultracold Helium nanodroplets*
- 08.11.2008 Alexander von Humboldt-Kolloquium, Varanasi, India
- 124 *The THz dance of the protein with the water*
- 29.10.2008 AMO physics section meeting of the Dutch Physics Society, Lunteren, Netherlands
- 123 *The THz dance of the protein with the water*
- 24.10.2008 Kolloquium, Universität Freiburg
- 122 *Neue Möglichkeiten der IR- und THz-Laserspektroskopie: Chemische Fingerab-drücke nanostrukturierter Oberflächen und der THz Tanz des Wassers*
- 21.10.2008 55th AVS Meeting, Boston, MA, USA
- 121 *Vibrational imaging with nm resolution: Scanning Near Field Infrared Microscopy (SNIM) on surfaces*
- 29.09.2008 European Optical Society (EOS) meeting, Paris, France
- 120 *Scanning near field infrared microscopy (SNIM): Combining topographical and optical information*
- 25.09.2008 Intchem Summer School und Forschergruppe 618-Workshop, Leśna, Poland
- 119 *Microsolvation of acids studied at ultracold temperatures*
- 28.08.2008 The Royal Society of Chemistry Faraday Discussion 141: Water - From Interfaces to the Bulk, Edinburgh, Scotland
- 118 *The Terahertz dance of water with the proteins: The effect of protein flexibility on the dynamical hydration shell of ubiquitin*
- 15.08.2008 33rd Intl.Conference on Infrared, Millimeter, and Terahertz Waves (keynote talk), Pasadena, CA, USA
- 117 *The THz dance of water with the protein*
- 06.08.2008 Gordon Research Conference on Vibrational Spectroscopy, South Hadley, MA, USA
- 116 *High resolution laser spectroscopy of molecular aggregates in superfluid helium nanodroplets: The smallest droplet of acid*
- 11.06.2008 Graduiertenkolleg-Kolloquium FU Berlin
- 115 *THz dance of the water with biomolecules*
- 27.05.2008 Workshop on Bionanointerfaces, Portoroz, Croatia
- 114 *The THz and IR look on surfaces and interfaces*
- 21.05.2008 Verleihung des Erfinderpreises 2007 der rubitec GmbH, Bochum
- 113 *Entwicklung eines neuartigen Mikro-/Nanoskops*
- 16.04.2008 Eduard-Zintel-Kolloquium, TU Darmstadt
- 112 *Der "THz-Tanz" des Wassers mit den Biomolekülen*
- 03.04.2008 Analytica Konferenz, München
- 111 *Der THz Tanz des Wassers mit den Proteinen*
- 27.02.2008 2nd Intl. Conference on Perspectives in Vibrational Spectroscopy (ICOPVS 2008), Trivandrum, India
- 110 *The THz dance of the water with biomolecules*
- 11.02.2008 Winter College on Micro and Nano Photonics for Life Sciences, Trieste, Italy
- 109 *IR nearfield microscopy: principles and applications*

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- 28.01.2008
108 GdCH-Kolloquium, Universität Regensburg
Von der Mikrosolvatation bis zum "THz-Tanz" der Proteine
- 18.12.2007
107 Kolloquium, Universität Münster
A closer look on surfaces and interfaces by IR- and THz laser spectroscopy
- 10.12.2007
106 Meeting on Biomolecules investigated with UV and THz spectroscopy, Nijmegen, Netherlands
The THz dance of the water with biomolecules
- 03.12.2007
105 Kolloquium, Universität Bonn
Ein mikroskopischer Blick auf Biomoleküle: Vom IR-Nahfeldeblick auf Lipide bis zum Tanz des Wasser mit den Proteinen
- 13.11.2007
104 Kolloquium, MPI für Eisenforschung, Mülheim
A closer look on surfaces and interfaces by IR- and THz laser spectroscopy
- 08.11.2007
103 Seminarvortrag, Universität Zürich, Switzerland
The THz dance of water with biomolecules
- 18.10.2007
102 Kolloquium, Freiburger Physiktage, Universität Freiburg
Der THz-Tanz des Wassers mit den Biomolekülen
- 14.08.2007
101 29th Intl. Symposium on Free Radicals, Big Sky, MT, USA
High resolution infrared spectroscopy of molecules in helium nanodroplets: Observation of radicals and aggregation processes at ultralow temperatures
- 04.08.2007
100 Intl. Symposium "Topical Problems of Biophotonics 2007" Nizhny Novgorod, Russia
The THz dance of water with biomolecules
- 31.07.2007
099 Workshop on Protein dynamics, Telluride Science Research Center, CO, USA
The THz dance of the protein with the water
- 11.07.2007
098 Seminar am MPI für molekulare Physiologie, Dortmund
New perspectives of IR- and THz spectroscopy of biomolecules: From chemical nanoscopy of lipids to the THz dance of the water with the protein solvation water around proteins
- 09.07.2007
097 Conference on Tunable Diode Laser Spectroscopy, Reims, Frankreich
IR spectroscopy in ultracold heliumnanodroplets
- 04.05.2007
096 Physikalisches Kolloquium, Universität Heidelberg
Was "sehen" wir mithilfe der IR- und THz Lasertechnologie?
- 16.04.2007
095 Spring College on "Water in Physics, Chemistry and Biology", Trieste
094 1. Probing solvation dynamics in the sub-psec regime: Experimental probes
2. Probing solvation dynamics in the sub-psec regime by THz spectroscopy
- 10.04.2007
093 Rundgespräch der DFG "Cold Reaction Dynamics" Physikzentrum Bad Honnef
Mikrosolvatation und -aggregation in ultrakalten Heliumnanotröpfchen
- 29.03.2007
092 233rd American Chemical Society Meeting, Symposium on Vibrational Spectroscopy as a Probe of Biomolecular Structure and Dynamics, Chicago, IL, USA
The THz dance of the water with the protein
- 20.03.2007
091 Workshop spectroscopy of biomolecules, DELTA, Dortmund
Scanning nearfield infrared microscopy: Chemical imaging with nm resolution

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- 06.03.2007
090 Terahertz-Spektroskopie College Tag, Göttingen
Der THz Tanz des Wassers mit Biomolekülen
- 07.02.2007
089 Nordrhein-Westfälische Akademie der Wissenschaften, Düsseldorf
Auf der Suche nach dem "chemischen Fingerabdruck": Neue Perspektiven der Infrarot- und THz-Spektroskopie
- 17.01.2007
088 GDCh Kolloquium, Universität Marburg
Tunnelnde Protonen und tanzende Wassermoleküle: Ein mikroskopischer Blick durch die IR- und THz-Brille
- 13.12.2006
087 Physikalisches Kolloquium, Universität Frankfurt
Was "sehen" wir mit THz-Technologie? Von solvatisierten Proteinen und tanzenden Wassermolekülen
- 12.11.2006
086 53rd AVS International Symposium & Exhibition, San Francisco, CA, USA
THz Technology and its application in the study of hydration layers and thin films
- 26.10.2006
085 Conference on the Physics, Chemistry and Biology of Water, Vermont, VT, USA
Solute-induced retardation of water dynamics probed directly by terahertz spectroscopy
- 16.10.2006
084 EOS Annual Meeting 2006, Porte de Versailles - Paris, France
Scanning infrared near field microscopy: Chemical imaging of subsurface structures and self-assembled monolayers with nm resolution
- 26.09.2006
083 Emory University, Atlanta, GA, USA
THz and IR spectroscopy as a bridge between two worlds: A nanoscopic view of biological phenomena
- 25.09.2006
082 Emory University, Atlanta, GA, USA
A closer look into the world of biomolecules: From the THz dance of water with proteins to chemical images of self-assembled monolayers and cells
- 08.06.2006
081 Jahrestagung der Deutschen Gesellschaft für angewandte Optik (plenary talk), Weingarten
Set-up of a scanning near field infrared microscope (SNIM)
- 11.05.2006
080 University of Wisconsin at Madison, WI, USA
New direction of IR and THz laser spectroscopy: Characterizing of surfaces and hydration shells
- 03.05.2006
079 University of Illinois at Urbana-Champaign, IL, USA
New directions of IR and THz spectroscopy in condensed phase: From the observation of the hydration shell of sugars to the chemical nanoscopy of sub-surface species
- 01.05.2006
078 Princeton University, NJ, USA
New directions of IR and THz spectroscopy: From the hydration shell of sugars and proteins to the IR spectroscopy of sub-surface species at 30 nm resolution
- 24.04.2006
077 Emory University and Georgia Tech Institute, Atlanta, GA, USA
New Directions of IR and THz Laser Spectroscopy: Characterization of Surfaces and Hydration Shells
- 03.04.2006
Forschungszentrum Karlsruhe

- 076 *New directions of IR and THz spectroscopy – From the IR spectroscopy of sub-surface species at 30 nm resolution to the monitoring of the hydration shell of sugars*
- 14.03.2006 Frühjahrstagung der DPG (Plenarvortrag), Frankfurt
- 075 *THz-Spektroskopie: Technologische Entwicklungen und ihre Anwendungen in der Biophysikalischen Chemie*
- 20.02.2006 Gordon Research Conference, Ventura, CA, USA
- 074 *Probing phonon-rotational coupling: IR spectroscopy of dopants in helium nanodroplets*
- 27.01.2006 Kolloquium anlässlich des Tags der Chemie, RWTH Aachen
- 073 *Mit dem Laser auf der Suche nach "chemischen Fingerabdrücken": Von tunnelnden Protonen und tanzenden Wassermolekülen*

2001-2005

- 06.12.2005 Tag der Biomedizinischen Technik, Ruhr-Universität Bochum
- 072 *Label-free infrared microscopy and nanoscopy*
- 21.11.2005 Workshop "Isolated Biomolecules and Biomolecular Building Blocks", Düsseldorf
- 071 *Aggregation and solvation: Proton transfer and solvens dynamics probed by IR and THz spectroscopy*
- 20.09.2005 Cavity Ring Down User Meeting 2005, Oxford, UK
- 070 *THz cavity-enhanced attenuated total reflection spectroscopy*
- 22.07.2005 Intl. Society of Theoretical and Chemical Physics, New Orleans, LA, USA
- 069 *Aggregation and Solvation: Proton transfer and solvent dynamics probed by IR and THz spectroscopy*
- 20.06.2005 60th Intl. Symposium on Molecular Spectroscopy (plenary talk), Columbus, OH, USA
- 068 *Dynamics on hydrogen bonds - perspectives of infrared and far-infrared spectroscopy*
- 20.04.2005 Kolloquium, Universität Würzburg
- 067 *Von der H-Brücke bis zur Proteindynamik: Möglichkeiten und Perspektiven der Infrarot- und THz-Spektroskopie*
- 31.03.2005 WE-Heraeus-Seminar, Bad Honnef
- 066 *Collective excitations in quantum gases: spectroscopy of ultra-cold molecules in superfluid helium droplets*
- 11.01.2005 Kolloquium, Universität Graz, Austria
- 065 *Spektraler Fingerabdruck oder Chemisches Nanoskop: Möglichkeiten der hochauflösenden THz- und Infrarotlaserspektroskopie*
- 20.12.2004 National Spectroscopy Meeting of the Royal Society of Chemistry (plenary talk), University of Leicester, UK
- 064 *From H-bonds to living cells Challenges for IR laser spectroscopy*
- 13.12.2004 Conference on Dynamics of cold Molecules, Weizmann Institute, Tel Aviv, Israel
- 063 *From aggregation to relaxation: IR-spectroscopy of molecules in He-nanodroplets*
- 16.11.2004 Conference on Single Cell Analysis, Universität Münster
- 062 *Towards scanning (near field) infrared laser microscopy of cells*

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- 01.10.2004 IRMMW 2004, Karlsruhe
061 *Infrared laser microscopy of living cells using a cw optoparametric oscillator as radiation source*
- 26.08.2004 American Chemical Society National Meeting, Philadelphia, PA, USA
060 *Probing relaxation in superfluid helium clusters: IR spectroscopy of CO and NO*
- 09.07.2004 Kolloquium, LMU München
059 *Proceeding from hydrogen bonds towards protein structures by (Far) infrared laser spectroscopy*
- 21.06.2004 Kolloquium, Universität Kaiserslautern
058 *Proceeding from hydrogen bonds toward protein structures by (Far) infrared laser spectroscopy*
- 11.05.2004 Kolloquium, ISAS Dortmund
057 *Proceeding from hydrogen bond towards protein structures via (Far) Infrared laser spectroscopy*
- 14.01.2004 Kolloquium, Universität Freiburg
056 *Proceeding from hydrogen bonds towards protein structures via (Far) infrared laser spectroscopy*
- 16.12.2003 Kolloquium, Universität Düsseldorf
055 *Biophotonik im IR- und THz-Bereich*
- 01.10.2003 39th Symposium on Theoretical Chemistry, Gwatt, Switzerland
054 *Hydrogen bonds: New answers to old questions*
- 16.09.2003 Horizons 2003, FU Berlin,
053 *Proton tunneling in the formic acid dimer*
- 19.05.2003 Physical-Chemistry Seminar, Oxford, UK
052 *From the THz to the IR or: How fast is the proton in formic acid dimer?*
- 30.04.2003 Kolloquium, Universität Frankfurt
051 *Methoden der modernen Laserspektroskopie: Vom THz bis zum IR Bereich – Neue Antworten auf alte Fragen*
- 25.03.2003 DPG-Frühjahrstagung, Hannover
050 *How fast are protons in double hydrogen bonds?*
- 08.01.2003 Kolloquium, Universität Dresden
049 *Laserspektroskopie von Molekülen in Helium-Nanotröpfchen: Ungewöhnliche Beobachtungen in einer ultrakalten Matrix*
- 18.11.2002 Kolloquium, Universität Karlsruhe
048 *Was lernen wir mithilfe von IR-Laserspektroskopie über Wasserstoffbrückenbindungen?*
- 31.10.2002 Kolloquium, FU Berlin
047 *How fast is the proton in double hydrogen bonds? – High resolution spectroscopy of intermolecular complexes*
- 25.07.2002 EURESCO Tagung "Molecules of biological interest in the gas phase", Wildbad Kreuth
046 *How fast are protons in double hydrogen bonds?*

- 11.05.2002 Bunsentagung Potsdam
045 *Hochauflösende IR-Spektroskopie an Ameisensäuredimer- Ein Prototyp für den doppelten Protonentransfer*
- 10.04.2002 DFG Bonn "Wechselwirkung in ultrakalten Atom- und Molekülgasen"
044 *IR-Spectroscopy of molecules in helium: Collective excitations in quantum liquids: spectroscopy of ultracold molecules in supra fluid helium droplets*
- 06.01.2002 Gordon Research Conference, Ventura, CA, USA
043 *Introduction to high resolution spectroscopy of clusters*
- 27.06.2001 Intl. Symposium der Volkswagen-Stiftung, Schloß Mickeln, Düsseldorf
042 *IR-spectroscopy as a tool for the understanding of hydrogen bonded complexes*
- 26.06.2001 Kolloquium, Universität Dortmund
041 *Möglichkeiten der IR-Laserspektroskopie: Von Untersuchungen an H-Brücken bis zu Quantenanregungen in supraflüssigen Heliumtröpfchen*
- 20.03.2001 Kolloquium, Radboud University, Nijmegen, Netherlands
040 *What IR spectroscopy tells us about hydrogen bonding?*
- 26.01.2001 Gemeinsames Kolloquium Universität Dortmund und RUB
039 *Hochauflösende Laserspektroskopie – Anwendungen und Möglichkeiten*
- 18.01.2001 GDCh-Kolloquium, Universität Wuppertal
038 *Was lernen wird mithilfe der Laserspektroskopie über Wasserstoffbrückenbindungen?*
- 1989-2000**
- 02.11.2000 GDCh-Kolloquium, Universität Bielefeld
037 *Was lernen wird mithilfe der Laserspektroskopie über Wasserstoffbrückenbindungen?*
- 13.10.2000 SFB 334, Bonn
036 *IR-Spectroscopy of high lying intermolecular modes of Ar-CO and spectroscopy of formic acid dimer*
- 18.09.2000 Max-Born-Institut Berlin
035 *Was lernen wird mithilfe der Laserspektroskopie über H-Brücken?*
- 20.08.2000 200th ACS National Meeting, Washington DC, USA
034 *Microwave-infrared double resonance spectroscopy of an OCS molecule inside in helium droplet*
- 18.08.2000 Princeton University, NJ, USA
033 *Microwave-infrared double resonance spectroscopy of an OCS molecule inside helium droplets*
- 13.07.2000 Universität Konstanz
032 *Ar-CO und (NH₃)₂ - Zwei Prototypen für intermolekulare Wechselwirkung*
- 25.06.2000 Workshop on Quantum fluid clusters, Schloß Ringberg, Kreuth
031 *Microwave-infrared double resonance spectroscopy of an OCS molecule inside ⁴He droplets*
- 17.06.2000 SFB 452 Workshop, Hattingen
030 *Spektroskopie an Molekülen in einer ultraweichen Matrix*

- 05.06.2000 Fakultät für Physik und Astronomie, Universität Bochum
029 *Ar-CO und (NH₃)₂ - Zwei Prototypen für intermolekulare Wechselwirkung*
- 17.04.2000 Gordon Research Conference "Molecular Ionic Cluster", Toulouse, France
028 *What does infrared spectroscopy tell us about intermolecular forces?*
- 13.01.2000 Institut für Physikalische Chemie, Universität Göttingen
027 *Was lernen wir mithilfe der Laserspektroskopie über Wasserstoffbrückenbindung?*
- 05.11.1999 Universität Kiel
026 *Was lernen wir mithilfe der Laserspektroskopie über Wasserstoffbrückenbindung?*
- 18.06.1999 Fakultät für Chemie, Ruhr-Universität Bochum, Antrittsvorlesung
025 *Laserspektroskopie: Möglichkeiten und Perspektiven*
- 26.05.1999 Konferenz, Niederpöcking
024 *High resolution infrared spectroscopy on hydrogen bonded cluster: Formic acid dimer*
- 02.09.1998 PRAHA '98, Prag, Czech Republic
023 *Infrared spectroscopy of hydrogen bonds*
- 13.05.1998 Universität Düsseldorf
022 *Spektroskopie als Mittel zum Verständnis der intermolekularen Wechselwirkung*
- 19.08.1997 International Symposium on Free Radicals, Taellberg, Schweden
021 *IR Spectroscopy of Radicals: A tool for the study of vibronic interaction*
- 14.05.1997 Universität Potsdam
020 *Infrarotspektroskopie als Mittel zur Beantwortung von interdisziplinären Fragen*
- 22.04.1997 Ruhr-Universität Bochum
019 *Spektroskopie als Mittel zum Verständnis der intermolekularen Wechselwirkung*
- 18.04.1997 Institut für Physikalische Chemie, TU Braunschweig
018 *Ar-CO und (NH₃)₂ - Zwei Prototypen für intermolekulare Wechselwirkung*
- 17.04.1997 Institut für Umweltphysik, Universität Osnabrück
017 *Von interdisziplinären Fragen, intermolekularen Wechselwirkungen und interstellaren Wolken*
- 02.04.1997 DFG Berichtskolloquium zum Schwerpunkt "Molekulare Cluster"
016 *Ar-CO: Neue Messungen und Test semiempirischer Potentialflächen*
- 23.01.1997 Institut für Physikalische Chemie, RWTH Aachen
015 *Ar-CO und (NH₃)₂ - Zwei Prototypen für intermolekulare Wechselwirkung*
- 12.01.1997 Konferenz "Moving Frontiers in Quantum Molecular Science", Bonn
014 *Ar-CO and (NH₃)₂ - Two prototype systems for intermolecular interaction*
- 13.05.1996 Workshop on potential surfaces of van der Waals complexes, Bonn
013 *(NH₃)₂ a hydrogen bonded complex? - The importance of large amplitude motions*
- 20.03.1996 Hauptvortrag DPG Frühjahrstagung, Rostock
012 *Van-der-Waals-Komplexe - eine besondere Klasse von Molekülen*
- 05.03.1996 DLR, Institut für Weltraumsensorik, Berlin
011 *Van-der-Waals-Komplexe im Labor - und im Weltall?*

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- 12.01.1996
010. Laboratoire de Photophysique Moléculaire du CNRS, Orsay, France
Infrared spectroscopy of van der Waals complexes
- 20.12.1995
009 Universitätsklinik Essen
Was das Sternenlicht uns erzählt
- 01.12.1995
008 Institut für Physikalische Chemie, Universität Düsseldorf
Infrarotspektroskopie an van-der-Waals-Komplexen
- 27.11.1995
007 Max-Planck-Institut für Radioastronomie, Bonn
Van-der-Waals-Komplexe - eine besondere Klasse von Molekülen
- 15.11.1995
006 Max-Planck-Institut für Strömungsforschung, Göttingen
Infrarotspektroskopie an van-der-Waals-Clustern
- 20.10.1995
005 Physikalisches Institut, Universität Bonn
Van-der-Waals-Komplexe - eine besondere Klasse von Molekülen
- 19.05.1995
004 Graduiertenkolleg, Fachbereich Physik, Universität Kaiserslautern
Infrarotspektroskopie an Clustern
- 27.01.1995
003 Abteilung für Chemische Physik, Universität Kiel
Konzentrationsmodulationsspektroskopie an CO enthaltenden Komplexen
- 10.01.1995
002 Gordon conference on atomic and ionic clusters Casa Sirena, Oxnard, CA, USA
Concentration modulation in the jet: (CO)₂ - a floppy molecule
- 08.12.1989
001 Institut für Physikalische Chemie, Universität Frankfurt
Dipolmomentmessungen am HN₂⁺