

Lfd. Nr.	Titel	Conference/Workshop	Datum	Ort/Stadt	Column6	Land	Column8
<b>Vorträge Prof. Dr. Thomas Baumert</b>							
240	"Laser-based sensing and driving of molecular chirality"	FEMTO16 - The 16th Femtochemistry	22. - 27. Juni 2025	Trieste		Italien	
239	"Warum (in Kassel) Physik studieren?"	Berufsinformationstag (BIT) der folgenden Schulen: Albert-Schweitzer-Schule, Friedrichsgymnasium, Goethe Gymnasium, Lichtenbergschule, Wilhelmsgymnasium	12. März 2025	Goethe Gymnasium Kassel		Deutschland	
238	"Säulen der Physik mit ultrakurzen Laserpulsen"	Tagung des Verbandes zur Förderung des mathematisch-naturwissenschaftlichen Unterrichts (MNU)	24.-25. November 2024	Hessische Lehrkräfteakademie in der Reinhardswaldschule, Fulda		Deutschland	
237	"Laser Based Photoelectron Circular Dichroism"	XII International Meeting on Photodynamics and Related Aspects	11. - 15. November 2024	Santiago de Chile		Chile	
236	"Impulsive and Adiabatic Ultrafast Electronic Control Schemes in Molecules"	The 23rd International Conference on Ultrafast Phenomena	15. - 19. Juli 2024	World Trade Center, Barcelona		Spanien	
235	"Laser based photoelectron circular dichroism"	ATTOCHEM 2023	18. - 20. September 2023	ELI ALPS Research Institute, Szeged		Ungarn	
234	"Molecular Chirality in Light of Multi-Photon-Ionization on Different Time Scales", Invited Talk	Invited Talk by Prof. Thomas Weinacht, Stony Brook University, Department of Physics and Astronomy, Ultrafast spectroscopy and coherent control	14. - 16. August 2023	Stony Brook University, Long Island, NY		USA	
233	"Molecular Chirality in Light of Multi-Photon-Ionization on Different Time Scales", Invited Talk	GRC Quantum Control of Light and Matter "Diversity and Synergetics in Quantum Control and Quantum Technology"	06. - 11. August 2023	Salve Regina University, Newport		USA	
232	"Laser based photoelectron circular dichroism: from impulsive excitation to vibrational eigenstates"	CAMEL 18, Control of Quantum Dynamics of Atoms, Molecules and Ensembles by Light, Workshop	17. - 23. Juni 2023	Sol Marina Palace Hotel, Nessebar		Bulgarien	
231	"New avenues in laser based photoelectron circular dichroism"	MOLEC, 23rd European Conference on the Dynamics of Molecular Systems	21. - 26. August 2022	DESY, Hamburg			
230	"New avenues in laser based photoelectron circular dichroism", Invited Talk	PACIFICHEM 2020, International Chemical Congress of Pacific Basin Societies; Symposium: New Frontier in Fundamental Science of Molecular Chirality (#397)	16. - 21. Dezember 2021	Honolulu	Hawaii	USA	
229	"Photoelectron circular dichroism in the light of resonance enhanced multi photon ionization", Invited Talk	PACIFICHEM 2020, International Chemical Congress of Pacific Basin Societies; Symposium: Ultrafast Intense Laser Chemistry (#387)	16. - 21. Dezember 2021	Honolulu	Hawaii	USA	
228	"New avenues in laser based photoelectron circular dichroism"	57th Symposium on Theoretical chemistry STC 2021	20. - 24. September 2021	digital/online			
227	"Photoelectron circular dichroism in the light of resonance enhanced multi-photon ionization", Invited Talk	DPG-Frühjahrstagung/Spring Meeting, Symposium: "Chirality meets ultrafast"	21. September 2021	digital/online			
226	Welcoming and closing remarks as spokesman of the SFB - 1319 - ELCH management board	SFB-Retreat	3. + 4. Mai 2021	digital/online			
225	Welcoming and closing remarks as spokesman of the SFB - 1319 - ELCH management board	SFB-Retreat	31. August - 02. September 2020	digital/online			

224	"Laser based photoelectron circular dichroism: from femtoseconds to nanoseconds"	MOLEC 2020, 23rd European Conference on the dynamics of Molecular Systems	25. - 26. August 2020	digital/online			
223	Invited Talk, Conference was cancelled due to Corona Pandemic	Minisymposium on "Chirality and Spectroscopy" at the 103rd Canadian Chemistry Conference and Exhibition (CCCE 2020)	24. - 28. Mai 2020	Winipeg		Canada	
222	Workshop was cancelled due to Corona pandemic	SFB-Workshop	11. + 12. Mai 2020	Berlin			
221	Invited Talk, Conference was cancelled due to Corona pandemic	CAMEL 16, Control of Quantum Dynamics of Atoms, Molecules and Ensembles by Light Workshop 2020	16. - 19. März 2020	Bansko		Bulgarien	
220	"Molecular chirality in the light of femtosecond multi-photon ionization"	Physikalisches Kolloquium, Institute for Physical Chemistry, Abbe Center for Photonics, Jena	27. November 2019	Jena			
219	"Photoelectron circular dichroism in the light of resonance enhanced multi photon ionization"	Atomic Physics 2019 Workshop	19. – 22. November 2019	Dresden			
218	"Temporal Airy Pulses: High Aspect Ratio Nanomachining of Dielectrics, Cell Poration and Light Amplification in Excited Dielectrics"	CLEO – Conference on Lasers & Electro-Optics - CM-Materials Processing with Lasers	23. Juni 2019	München			
216	"Current status and overview of CINSaT main topic "Chiral Systems"	CINSaT Spring Colloquium 2019	07. + 08. März 2019	Ahorn Berghotel Friedrichroda			
215	"Wellen hören und sehen – Musik als Weg zum Verständnis der Laserphysik"	Wilhelmsgymnasium Kassel	21. Januar 2019	Kassel			
214	"Molecular chirality in the light of femtosecond multi-photon ionization"	1st International Symposium on Light Driven Dynamics (LiDy)	07. + 08. November 2018	East China Normal University Shanghai		China	
213	"Designer Photons for Tailored Ultrafast Laser Control of Matter"	Fakultätskolloquium der Fakultät für Chemie anlässlich der Verabschiedung von Herrn Prof. Dr. Kautek	08. Oktober 2018	Universität Wien		Österreich	
212	"Temporal Airy pulses: high aspect ratio nanomachining of dielectrics, cell poration, and light amplification in excited dielectrics"	SPIE Optics + Photonics	19. – 23. August 2018	San Diego	California	USA	
211	„Introductory talk: CRC overview and administration“	CRC 1319 ELCH Retreat KTC Königstein	13. – 15. August 2018	Königstein bei Frankfurt			
210	"Muliphoton Ionization of Chiral Molecules"	ICSLS 2018 International Conference on Spectral Line Shapes	17. -22. Juni 2018	Dublin		Irland	
209	"Designer Photons for Tailored Ultrafast Laser Control of Matter"	Institutskolloquium Physikalische Chemie am Karlsruher Institut für Technologie (KIT)	28. Mai 2018	Karlsruhe			
208	„Temporal Airy Pulses: From Controlled Nanomachining to Laser Amplification in Dielectrics“	International Workshop on Frontiers in Lasers and Applications (FLA 2018)	16. – 19. April 2018	Ishigaki-Jima Island	Okinawa	Japan	
207	„Multiphoton Ionization of Chiral Molecules“	DPG Frühjahrstagung AMOP	5. – 9. März 2018	Erlangen			
206	„Multiphoton Ionization of Chiral Molecules“	39. EAS – Extreme Atomic Systems Workshop	19. – 23. Februar 2018	Riezlern		Österreich	
205	„Coherent control of bound electrons in molecules and ionization of chiral molecules with femtosecond techniques“	AOSPS2017 "Advanced Optical Spectroscopies in Paris-Saclay"	29. – 30. November 2017	Laboratoire de l'Accélérateur Linéaire at University of Orsay		Frankreich	
204	"Designer Photons for Tailored Ultrafast Laser Control of Matter"	Physikalisches Kolloquium der Goethe-Universität Frankfurt	1. November 2017	Frankfurt			
203	„Designer Photons for Tailored Ultrafast Laser Control of Matter“	Nanoscience Days 2017	2. – 4. Oktober 2017	Jyväskylä		Finnland	

202	„Molecular Chirality in the light of femtosecond multi-photon ionization“	ASPIRE Network Meeting – Soleil/Paris Meeting	11. – 13. September 2017	Abbaye des Vaux de Cernay	bei Paris	Frankreich
201	“Molecular Chirality in the Light of Femtosecond Multi-Photon Ionization”	Gordon Research Conference GRC on Quantum Control of Light and Matter	6. – 11. August 2017	Mount Holyoke College	MA	USA
200	„Control of bound electrons in molecules with tailored light fields and of free electrons with chiral potentials“	MOLIM 2017 – Molecules in Motion / International Workshop on Molecular Quantum Dynamics and Kinetics	18. – 20. April 2017	ETH Zürich		Schweiz
199	„Photoelectron circular dichroism measured by multiphoton ionization“	International Workshop on Photoionization (IWP) & Resonant Inelastic X-ray Scattering (RIXS)	26. – 31 März 2017	Aussois		Frankreich
198	„Temporal Airy pulses for controlled high aspect ratio nanomachining of dielectrics: Experiments and simulations,„	SPIE Photonics West LASE 2017 Conference	28. Januar – 02. Februar 2017	San Francisco		USA
197	„Control of bound electrons in molecules with tailored light fields and of free electrons with chiral potentials,„	Vortrag an der UCSD University of California San Diego- Prof. R. Continetti	24. Januar 2017	San Diego		USA
196	„Control of bound electrons in molecules with tailored light fields and of free electrons with chiral potentials“	Vortrag an der University of California Riverside- Prof. C. Bardeen	23. Januar 2017	Riverside		USA
195	„Ahmed Zewail’s legacy in Kassel: From Photon Locking to Crumpling Graphene“	Ahmed Zewail Memorial Symposium	19. Januar 2017	Caltech-Pasadena		USA
2016						
194	„Photoelectron Circular Dichroism Measured by Multiphoton Ionization“	Université de Genève-Biophotonics Group	8. Dezember 2016	Genf		Schweiz
193	“Photoelectron circular dichroism measured by multiphoton ionization”	ECAMP 12- 12th European Conference on Atoms, Molecules and Photons	5. – 9. September 2016	Goethe Universität, Frankfurt		
192	„Wellen hören und sehen – Laserphysik durch Musik verstehen“	Campus Fest der Universität Kassel im Campus Center	8. Juli 2016	Kassel		
191	„Designer photons for designed bound and free electron wave-packets“	Kolloquium an der ETH Zürich, Laboratorium für Physikalische Chemie	31. Mai 2016	Zürich		Schweiz
190	„Control of bound electrons in molecules with tailored light fields and of free electrons with chiral potentials“	Institutskolloquium des Max-Born-Instituts	24. Februar 2016	Berlin		
189	“Phase Locked Bichromatic Polarization Tailored Femtosecond Laser Fields to Study and Control Electron Dynamics in Chiral Molecules”	QUTIF Kick-off Meeting, DFG Priority Programm 1840	30. November – 1. Dezember 2015	Leibniz Universität Hannover		
188	“Photoelectron circular dichroism from multiphoton ionization with femtosecond laser pulses”	International Workshop on “Atomic Physics”, Max Planck Institut für Physik komplexer Systeme	23. – 27. November 2015	Dresden		
187	„Control of bound electrons in molecules with tailored light fields and of free electrons with chiral potentials“	3rd General Meeting of the COSTAction: XUV/X-ray light and fast ions for ultrafast chemistry (XLIC)	02. – 04. November 2015	Debrecen		Ungarn
186	“Wellen hören und sehen – Musik als Weg zum Verständnis der Laserphysik”	Rotary Club Kassel Wilhelmshöhe	17. September 2015	Kassel		
185	„Designer photons for designed bound and free electron wave-packets“	IBER2015 - XV Iberian Joint Meeting on Atomic and Molecular Physics	06. – 09.09.2015	University of Aveiro		Portugal
184	“Spieglein, Spieglein: Händigkeit schnell erkannt”	6. MINT Schülerkongress	15. – 17.07.2015	Schülerforschungszentrum Nordhessen der Universität Kassel (SFN) und Alber-Schweitzer-Schule Kassel		

183	“Coherent Control of bound and Free Electron Dynamics”	Joint Physical Colloquium of the Johannes-Gutenberg University, MPI for Chemistry and MPI for Polymer Research	28. April 2015	Mainz	
182	“Spatial and temporal resolution studies on a highly compact ultrafast electron diffractometer and lattice dynamics in few-layer graphen”	DPG Spring Meeting	15. – 20. March 2015	TU Berlin	
181	“Wellen hören und sehen – Musik als Weg zum Verständnis der Laserphysik”	11. Nordhessische Kindermusiktage	24. February 2015	Kassel	
180	“Spatial and temp resolution studies on a highly compact UED and lattice dynamics in few-layer graphene”	The 4th Banff Meeting on Structural Dynamics Ultrafast Dynamics with X-Rays and Electrons	15. – 18. March 2015	The Banff Centre, Banff, Alberta	Canada
179	“Photoelectron Circular Dichroism from Multiphoton Ionization with Femtosecond Laser Pulses”	Introductory Lecture: Coherence and Control in the Quantum World: Current and Future Trends	15. – 18. December 2014	Weizmann Institute of Science, Rehovot	Israel
178	“Designer photons for designed bound and free electron wave-packets”	KPS Korean Physical Society Fall Meeting	22. – 24. October 2014	Kwangju	Korea
177	“Photoelectron Circular Dichroism of Bicyclic Ketones from Multiphoton Ionization with Femtosecond Laser Pulses”	Aarhus University, Department of Chemistry	25 September 2014	Aarhus	Dänemark
176	“Charge Oscillation Controlled Molecular Excitation and Chiral Identification with fs-Laser Pulses”	SFB 925 Conference “Light induced dynamics and control of correlated quantum systems”	25 – 27 June 2014	Hohwacht	
175	“Coherent Control of Bound and Free Electron Dynamics”	Max-Planck-Institute for Biophysical Chemistry	22 May 2014	Göttingen	
174	„Charge Oscillation Controlled Molecular Excitation and Chiral Identification with Fs-Laser Pulses”	Gordon Research Conference “Photoionization & Photodetachment”	23 – 28 February 2014	Hotel Galvez, Galveston/TX	USA
173	“Charge oscillation controlled molecular excitation and chiral identification with fs-laser pulses”	Stony Brook University	20 – 21 February 2014	New York	USA
172	“Nonperturbative Coherent Wavepacket Dynamics in Molecules”	International Workshop on “Atomic Physics” with focus on “Quantum dynamics in tailored intense fields”	25 – 28 November 2013	Max-Planck-Institute for the Physics of Complex Systems	Dresden
171	“Nonperturbative Coherent Wavepacket Dynamics in Molecules”	Vancouver-Okazaki Workshop on coherent and incoherent wave packet dynamics	29 October – 3 November 2013	Okazaki	Japan
170	Gordon Research Conference on Quantum Control of Light & Matter   Vice Chair / Discussion Leader		28 July – 2 August 2013	Mount Holyoke College South Hadley	USA Massachusetts
169	“Coherent Control of Bound and Free Electron Dynamics”	CFEL Colloquium, IMPRS-UFAST	27 – 28 June 2013	Hamburg	
168	“Coherent control of bound and free electron dynamics”	536. WE-Heraeus-Seminar on Optimal Control of Quantum Systems	16 – 19 June 2013	Physikzentrum Bad Honnef	
167	“Ultrafast Laser Control of Dynamical Processes in Materialprocessing”	E-MRS 2013 Spring Meeting	27 – 31 May 2013	Strasbourg	Frankreich
166	“Billiardstelsekunden Lichtblitze – Wozu?”	Physics Colloquium University of Heidelberg	17 May 2013	Heidelberg	
165	“Coherent Control of Bound and Free Electron Dynamics”	Physics Colloquium University of Innsbruck	23 April 2013	Innsbruck	Austria
164	“Coherent Control of Bound and Free Electron Dynamics”	Department Seminar Physical Chemistry, Fritz-Haber-Institute	14 January 2013	Berlin	
163	“Resonant Strong Field Control of Molecules in the Gas and Liquid Phase”	Joint Physical Chemistry and AMO Seminar, Department of Physics and Astronomy	28 September 2012	Aarhus University, Aarhus	Dänemark
162	“Ultrafast Laser Control of Matter”	Internal Summer School of the group of Prof. Dr. Uwe Morgner, Leibnitz Universität Hannover	12 September 2012	Reinhausen close to Göttingen	

161	“Resonant strong field control of molecules in the gas and liquid phase”	Batsheva de Rothschild Seminar on “Laser Control of Chemical Reactions: Toward Deciphering Mechanisms and Understanding the Theoretical and Experimental Limits”	2 – 7 September 2012	Safed	Israel
160	“Billiardstelsekunden und der Nanokosmos”	Opening of the Schülerforschungszentrum Nordhessen“ Universität Kassel	22 June 2012	Albert-Schweitzer-Schule Kassel	
159	“Chemical control”	Chicheley Hall FASTQUAST Summer School and Workshop “Frontiers in Quantum Control”	3 – 6 June 2012	Chicheley Hall	England
158	“Ultrafast Laser Control of Dynamical Processes in Material Processing”	2012 International High-Power Laser Ablation (HPLA)	30 April – 3 May 2012	Santa Fe, New Mexico	USA
157	“Physik auf Billardstelsekundenzeitskala”	Talk at the “Tag der Physik”, Universität Kassel,	22 January 2012	Kassel	
156	“Ultrafast Laser Control of Matter”	Invitation: Prof. Dr. U. Boesl von Grafenstein, Technische Universität München, Biophysical Chemistry	16 January 2012	Munich	
155	“Ultrafast Laser Control of Dynamical Processes in Materialprocessing“	International Conference on “Correlation Effects in Radiation Fields” CERF 2011, DFG Collaborative Research Center SFB 652 and Department of Life, Light and Matter	12 – 16 September 2011	University of Rostock, Rostock	
154	“Tailored femtosecond pulses for strong field laser control of electronic coherences in molecules”	Symposium on Attoscience and Ultrafast Quantum Control SASQC 11	7 – 9 September 2011	Imperial College London, London	
153	“Femtosecond multi-photon ionization of chiral molecules in the gas phase”	Summer School on Chirality in Physics and Chemistry	15 – 17 August 2011	Mainz	
152	“Resonant Strong-Field Control of Electron Dynamics in Molecules”	Gordon Research Conference “Quantum Control of Light & Matter”	31 July – 5 August 2011	Mount Holyoke College, South Hadley, MA	USA
151	“Ultrafast Laser Control of Electron Dynamics in Atoms, Molecules and Solids”	Introductory Lecture Faraday Discussion 153: Coherence and Control in Chemistry	25 – 27 July 2011	University of Leeds, Leeds	UK
150	“Ultrafast Laser Control of Ionization – Fundamentals and Applications”	Bunsentagung 2011, 110th Bunsentagung (Annual German Conference on Physical Chemistry), Henry-Ford Bau	2 – 4 June 2011	Freie Universität Berlin, Berlin	
149	“Billiardstelsekunden Lichtblitze – Wozu?”	Talk on the occasion of the inauguration of an extension building of the Friedrich-Wöhler-Gymnasium	30 March 2011	Singen (Hohentwiel)	
148	“Ultrafast Laser Control of Matter”	General Physics Colloquium, Department of Physics and Astronomy	9 March 2011	Aarhus University, Aarhus	Dänemark
147	“Ultrafast Laser Control of Matter”	Seminar of the LUMAT group, Laboratoire Aimé Cotton	3 March 2011	Université Paris-Sud 11., Orsay/Paris	France
146	“Femtosecond laser spectroscopy and ultrafast control”	CINSA T Colloquium	23 + 24 February 2011	Friedrichroda	
145	“Controlled Ionization via Shaped Light – Fundamentals and Applications”	Bothe Colloquium, Max Planck Institute for Nuclear Physics	1 December 2010	Heidelberg	
144	“Femtosecond Spectroscopy and Ultrafast Lasercontrol”	2nd Workshop on Nanotechnology, Shanghai University – Universität Kassel	20 – 23 September 2010	Kassel	
143	“Ultrafast Laser Control of Ionization”	10th European Conference on Atoms, Molecules and Photons, ECAMP X	5 – 9 July 2010	Salamanca	Spain

142	“Ultrafast Laser Control of Coherent and Incoherent Ionization Processes”	Joint meeting of the Sonderforschungsbereiche 450 (Berlin) und 652 (Rostock), Institute for Baltic Sea Research	25 June 2010	Rostock-Warnemünde	
141	“Adapting Femtosecond Laser Pulses to Ionization Processes in Wide Band Gap Materials: a Route for Nanoscale Laser Processing”	LPM 2010 International Congress on Laser Advanced Materials Processing	7 – 10 June 2010	Neue Messe Stuttgart, Stuttgart	
140	“Imaging and Control”	6th International Workshop on Optimal Control of Quantum Dynamics: Theory and Experiment	30 Mai – 2 June 2010	Ringberg Castle, Rottach-Egern/Tegernsee	
139	“Materialbearbeitung von Dielektrika auf der Nanometerskala mit zeitlich asymmetrisch geformten Femtosekundenlaserpulsen und polarisationsgeformten Femtosekundenlaserpulsen”	Workshop SPP1327/1 „Optisch erzeugte Sub-100-nm-Strukturen für biomedizinische und technische Applikationen“	5 May 2010	Fraunhofer-Institute for Laser Technology (ILT), Aachen	
138	“Ultrafast Laser Control of Coherent and Incoherent Ionization Processes”	Gordon Research Conference on Photoions, Photoionization & Photodetachment	31 January – 5 February 2010	Hotel Galvez, Galveston, Texas	USA
137	“Femtosecond-Spectroscopy and Ultrafast Laser Control: Possible FEL Experiments based on Coherent Electronic Excitations in Strong Fields”	Workshop “The Future of Ultrafast Soft X-Ray Science”, Lawrence Berkeley National Laboratory	30 November – 3 December 2009	Berkeley	USA
136	“Ultrafast Laser Control of Matter”	CeNoS-Colloquium, Westfälische Wilhelms-Universität Münster	24 November 2009	Münster	
135	“Billardstelsekunden Lichtblitze – Wozu?”	Series of Lectures of „Kurhessische Gesellschaft für Kunst und Wissenschaft“, Semester 2009/2010	6 November 2009	Hessisches Landesmuseum Kassel, Kassel	
134	“Ultrafast laser control of matter“	QuAMP09 International Conference on Quantum, Atomic, Molecular and Plasma Physics	7 – 11 September 2009	University of Leeds, Leeds	UK
133	“Ultrafast laser control of coherent and incoherent photoinduced processes”	Femtochemistry, Femtobiology and Femtophysics, The 9th international conference on fundamental ultrafast processes in chemistry, biology and physics	8 – 13 August 2009	Peking University	China
132	“Ultrafast laser control of matter”	CAMEL V, Control of Quantum Dynamics of Atoms, Molecules and Ensembles by Light, Hotel Marina Palace	23 – 28 June 2009	Nessebar	Bulgarien
131	“Ultrafast Laser Control of Ionization – Fundamentals and Applications”	KITP Conference: Concepts and Methods in Quantum Control: Theory and Experiment, Kavli Institute for Theoretical Physics	18 – 22 May 2009	Santa Barbara	USA
130	“Ultrafast Laser Control of Matter“	Seminar of the „Institut für Optik und Quantenelektronik“	24 April 2009	Friedrich-Schiller-Universität Jena, Jena	
129	“Wechselwirkung intensiver fs-Impulse mit (kondensierter) Materie – Laufende Experimente in Kassel”	Project Meeting for the Research Association „Wechselwirkung intensiver XUV-Impulse mit kondensierter Materie – Innovative Instrumentierung für Experimente bei FLASH“	3 April 2009	University of Kassel, Kassel	
128	“Physik in Kassel”	Informative Meeting of the Tilemannschule	26 February 2009	Limburg	
127	“Ultrafast Laser Control of Matter – Coherent and Incoherent Photoinduced Processes”	Talk in the ADLIS Seminar	23 January 2009	Vienna University of Technology, Vienna	

126	„Physik auf der Billiardstelskenskala“	Generally understandable talk at the „Tag der Physik“, Institute for Physics of the University of Kassel	18 January 2009	Kassel		
125	“Ultraschnelle Laserkontrolle an Elektronen, Atomen, Molekülen und Festkörpern”	Physical Colloquium, Institute for Physics	12 January 2009	University of Oldenburg, Oldenburg		
124	“Ultraschnelle Laserkontrolle an Elektronen, Atomen, Molekülen und Festkörpern”	Physical Colloquium, Institute of Physics	8 December 2008	University Freiburg, Freiburg		
123	“Ultrafast Laser Control of Matter”	Institute for Molecular Science (IMS)	National Institutes of Natural Sciences	1 December 2008	Okazaki	Japan
122	“Ultrafast Laser Control of Coherent and Incoherent Photoinduced Processes”	ISUILS 7 International Symposium on Ultrafast Intense Laser Science 7	24 – 28 November 2008	Kyoto		Japan
121	“Ultrafast Laser Control of Coherent and Incoherent Laser Induced Processes”	IMPRS Seminar	International Max Planck Research School	Max Planck Institute for the Physics of Complex Systems	12 November 2008	Dresden
120	“Materialbearbeitung von Dielektrika auf der Nanometerskala mit zeitlich asymmetrisch geformten Femtosekundenlaserpulsen und polarisations-geformten Femtosekundenlaserpulsen”	Colloquium for Application for SPP 1327 “Optisch erzeugte Sub-100-nm-Strukturen für biomedizinische und technische Applikationen” of the DFG	18 + 19 August 2008	Bonn		
119	“Wechselspiel zwischen Physik und Mathematik”	Talk at the Ursulinenschule Fritzlär on the occasion of the exhibition of the “Mathematikum” Giessen	9 August 2008	Fritzlär		
118	“Molecules in Strong Fields II”	Discussion Leader on Gordon Research Conference Atomic & Molecular Interactions	6 – 11 July 2008	Colby-Sawyer College, New London		USA
117	“Tailored Femtosecond Pulses for Nanoscale Laser Processing of Dielectrics”	UP 2008 – Conference on Ultrafast Phenomena	9 – 13 June 2008	Stresa (Lago Maggiore)		Italien
116	“Getreten und geschüttelt: Maßgeschneiderte ultrakurze Lichtpulse für ultrakleine Löcher“	Talk on a local press conference „Lesen, hören, sehen: Nanoforschung zum Miterleben“	14 February 2008	University of Kassel, Kassel		
115	“Towards Attosecond Dynamics”	Discussion Leader on GRC Gordon Research Conference on Photoions, Photoionization & Photodetachment	27 January – 1 February 2008	Barga		Italien
114	“Control of Ionization Process in High Band Gap Materials via Tailored Femtosecond Pulses”	5th International Workshop on Optimal Control of Quantum Dynamics	28 November – 1 December 2007	Ringberg Castle		Rottach-Egern/Tegernsee
113	“Ultraschnelle Laserkontrolle”	Colloquium Laser Technology Fraunhofer ILT	8 November 2007	Aachen		
112	“Ultrafast control of coherent electronic excitation in atoms molecules”	James-Franck Symposium 2007	7 – 10 October 2007	Hohenkammer Castle close to Munich		
111	„Billiardstelskunden Lichtblitze – Wozu?“	Rotary-Club Baunatal	24 September 2007	Baunatal		
110	“Ultrafast coherent control of electrons, atoms and molecules – two decades of research in Freiburg, Würzburg and Kassel”	Femtosecond Spectroscopy and Quantum Control of Molecular Dynamics, A Symposium in Honour of Professor Gustav Gerber	20 July 2007	University of Würzburg		
109	„Ultrakurze Laserpulse: Einmischung in innere Angelegenheiten“	Rotary-Club Kassel Wilhelmshöhe	5 July 2007	Kassel		
108	“Physik in Kassel”	Informative Meeting of the Tilemannschule	3 July 2007	Limburg		
107	“Ultrafast Laser Control of Coherent and Incoherent Dynamics”	Seminar at the Institute of Physical and Theoretical Chemistry, Goethe University	2 July 2007	Frankfurt		

106	„Tailored femtosecond pulses for nanoscale laser processing of dielectrics“	Lasers in Manufacturing LIM 2007	18 – 21 June 2007	Munich	
105	„Ultrafast Laser Control of Electrons, Atoms and Molecules“	XXII International Symposium on Molecular Beams	27 May – 1 June 2007	Freiburg	
104	„Tailored femtosecond pulses for nanoscale laser processing of wide band gap materials“	LPM 2007 / The 8th International Symposium on Laser Precision Microfabrication	24 – 28 April 2007	Vienna	
103	„Optimierung von Werkstoffbearbeitungsprozessen mit Hilfe von adaptiv geformten Femtosekundenlaserpulsen“	Intermediate Colloquium DFG Priority Programme 1139 „Erweiterung der Prozessgrenzen bei der Werkstoffbearbeitung mit Laserstrahlung“ / Fraunhofer-Institute	13 - 14 March 2007	Aachen	
102	“Quantum Control by Ultrafast Dressed State Tailoring”	2006 Frontiers in Optics (FiO) Conference	8 – 12 October 2006	Rochester, NY	USA
101	„Ultrafast Control of Coherent Electronic Excitation“	CAMEL Control of Quantum Dynamics of Atoms / Molecules and Ensembles by Light / European Union, Sixth Framework Programme, Marie Curie Transfer of Knowledge Project	2 September 2006	Nessebar	Bulgarien
100	„Mode Locked Lasers and Pulse Shaping“	CAMEL Control of Quantum Dynamics of Atoms / Molecules and Ensembles by Light / European Union, Sixth Framework Programme, Marie Curie Transfer of Knowledge Project	1 September 2006	Nessebar	Bulgarien
99	„Ultrafast Control of Coherent Electronic Excitation“	CCP6 Workshop on the Coherent Control of Molecules-University of Birmingham	4 July 2006	Birmingham	England
98	„Ultrafast laser control of matter: electrons, atoms, molecules and solids“	IMM Symposium / Institute for Molecules and Material / Radboud University Nijmegen	2 May 2006	Nijmegen	Netherlands
97	„Ultrafast laser control of matter: electrons, atoms, molecules and solids“	Kolloquium FOM Institut AMOLF Amsterdam	1 May 2006	Amsterdam	Netherlands
96	“Ultraschnelle Laserkontrolle an Elektronen, Atomen und Molekülen“	Plenary Talk at the DPG Spring Meeting	13 – 17 March 2006	Frankfurt	
95	“Ultraschnelle Laserkontrolle“	Department of Physical Chemistry / Ludwig-Maximilian-Universität München	8 February 2006	Munich	
94	“Intense femtosecond pulses: ultrafast dressed state tailoring and applications“	Group Seminar at LBNL / Department of Chemistry / University of California	27 January 2006	Berkeley (California)	USA
93	“Tailored femtosecond pulses for nanoscale laser processing“	Photonics West / Lase 2006 / SPIE The International Society for Optical Engineering	21 – 26 January 2006	San Jose	USA
92	„Physik Nobelpreis 2005“	Seminar of the Institute of Physics / University of Kassel	13 December 2005	Kassel	
91	“Intense femtosecond pulses: coherent control scenarios and applications“	Max-Planck-Workshop	4 – 7 December 2005	Ringberg Castle	Tegernsee Rottach/Eger n
90	“Billiardstel Sekunden und Milliardstel Meter“	MINT-MINI-Fair / University of Kassel	30 November 2005	Kassel	
89	„Intense femtosecond pulses: coherent control scenarios and applications“	Center for Advanced Photonics Research / Temple University	29 July 2005	Philadelphia	USA
88	„Femtosecond Spectroscopy: Smart Photons and Applications“	Physical Colloquium / University of Ulm	27 June 2005	Ulm	

87	„Femtosekundenspektroskopie: Quantenkontrolle und Anwendungen“	SFB Seminar / MBI Berlin	26 April 2005	Berlin	
86	„Ultrafast-Spectroscopy: Electrons, Atoms, Molecules and Sunflowers“	Brown University / Chemistry Department	23 March 2005	Providence	USA
85	„Ultrafast-Spectroscopy: Electrons, Atoms, Molecules and Sunflowers“	Steeacie Institute for Molecular Sciences / National Research Council Canada	21 March 2005	Ottawa	Canada
84	Moderation of the session „Detection of Controlled Dynamics“	Workshop „Advancing the Fundamentals of Controlling Quantum Systems“ / Princeton University	18 – 19 March 2005	Princeton	USA
83	„Optimierung von Werkstoffbearbeitungsprozessen mit Hilfe von adaptiv geformten Femtosekunden-Laserpulsen“	DFG Priority Programme 1139 „Erweiterung der Prozessgrenzen bei der Werkstoffbearbeitung mit Laserstrahlung“ / Fraunhofer-Institute	9 - 10 March 2005	Aachen	
82	„Femtosekundenspektroskopie: Von der Interferenz freier Elektronen zu wachsenden Sonnenblumen“	Physical Colloquium / Technische Universität Kaiserslautern	7 February 2005	Kaiserslautern	
81	"Ultrafast-Spectroscopy: Electrons, Atoms, Molecules and Plasmas"	Colloquium of the Max-Born Institute	10 November 2004	Berlin	
80	"Coherent Control of Atoms in Strong Laser Fields and Adaptive Polarization Control of Molecules"	PICNIC-Network meeting	4 - 5 October 2004	Paris	France
79	"Quantum Control in Intense Phase Shaped Laser Fields"	Fields Institute Conference on "Quantum Information and Quantum Control", Fields Institute	19 - 23 July 2004	Toronto	Canada
78	"Quantum Control in Intense Phase Shaped Laser Fields"	329th WE Heraeus Seminar on "Manipulation of Few-Body Quantum Dynamics"	23 - 26 June 2004	Physikzentrum Bad Honnef	
77	"Coherent Control on Electrons, Atoms and Molecules: Some Additional Aspects"	Gordon Research Conference on Multiphoton Processes	13 – 18 June 2004	Tilton, NH	USA
76	"Femtosekundenspektroskopie: Von der Interferenz freier Elektronen zu wachsenden Sonnenblumen"	Theoretical Seminar of the Schleich group	13 May 2004	University of Ulm	
75	"Ultrafast Photoelectron-Spectroscopy: Atoms, Molecules and Sunflowers"	Bothe Colloquium / MPI for Nuclear Physics	14 January 2004	Heidelberg	
74	"Femtosekundenspektroskopie: Von der Interferenz freier Elektronen zu wachsenden Sonnenblumen"	Physical Colloquium of the University of Frankfurt	5 November 2003	Frankfurt	
73	"Quantum Control Beyond Spectral Interference and Population Control"	COCOMO meeting	9 - 10 October 2003	Crete	Greece
72	"Coherent Control Beyond Population Control and Spectral Interferences - Symmetry of Control Parameters"	International Symposium "Topical Problems of Nonlinear Wave Physics"	6 – 12 September 2003	Nizhny Novgorod-Moscow-Nizhny Novgorod	Russia.
71	"Adaptive Rückkopplungsgesteuerte Materialbearbeitung mit ultrakurzen Laserpulsen"	VW- Seminar (Central Research)	24 July 2003	Wolfsburg	
70	"Ultrafast Photoelectron-Spectroscopy: Atoms, Molecules and Sunflowers"	Laser-Colloquium of the MPQ	1. July 2003	Garching	
69	"Symmetry of Control Parameters in Dynamic Phase Control: Can Resonant Intense Laser Pulses Freeze the Population?"	COMET XVIII	15 - 20 June 2003	San Lorenzo de El Escorial	Spain.
68	"Adaptive Rückkopplungsgesteuerte Materialbearbeitung mit ultrakurzen Laserpulsen"	Innovation Competition	11 March 2003	B. Braun Melsungen.	
67	"Bound molecular and free electron wave packets in intense laser fields"	EAS (Energieriche Atomare Stöße) Workshop	17 -21 February 2003	Riezlern	Austria

66	"Femtosecond laser ionization spectroscopy: from interference of free electrons to growing sun flowers"	Colloquium of the GSI Helmholtz Center for Heavy Ion Research	19 November 2002	Darmstadt	
65	"Femtosecond Photoelectron Spectroscopy"	Conference on "Electron Density: Measurement, Calculation, Application"	7 – 11 October 2002	Würzburg	
64	"Wave-packet dynamics and control of molecular dynamics in intense laser fields"	DPG-School for Physics "Optimal Laser Control of Microscopic Dynamics"	22 – 27 September 2002	Bad Honnef	
63	"Laser Control of Molecular Dynamics on the Femtosecond Time Scale"	SFB-Seminar "Advanced Light Source" of the TU Vienna	18 January 2002	Vienna	Austria
62	"Femtosecond Pump-Probe Photoelectron Spectroscopy on Small Molecules: A Tool to Study Basic Coherent Control Schemes"	Symposium on "Ultrafast Photoelectron Spectroscopy of Molecules" within the "17th Interdisciplinary Laser Science Conference"	14 – 18 October 2001	Long Beach CA	USA
61	"Laser control of chemical reactions on the femtosecond time scale: From one parameter control to many parameter control using adaptive laser techniques"	Tulip Minisymposium "Modern Developments in Spectroscopy", Vrije Universiteit	7 May 2001	Amsterdam	The Netherlands
60	"Laser control of chemical reactions on the femtosecond time scale"	4 courses given within the Holland Research School of Molecular Chemistry-the Tulip School	1 – 4 May 2001	Noordwijk	The Netherlands
59	"Mapping of molecular vibrational wave packets in weak and strong laser fields"	DFG Wave Packet Symposium	12 – 13 October 2000	Munich	
58	"Femtosecond techniques to monitor and control chemical reactions on isolated molecules"	Femtochemistry: 1999 Nobel Prize Symposium at 220th National ACS Meeting	23 August 2000	Washington D.C.	USA
57	"Kontrolle molekularer Dynamik mit fs-Lasern"	Colloquium of the Physical Chemistry University Kiel	10 July 2000	Kiel	
56	"Ultraschnelle Phänomene"	Public Talk on the occasion of the Physik 2000 series ("Saturday Morning Physics") / University of Kassel	27 May 2000	Kassel	
55	"1. Abbildung molekularer Dynamik mittels Fragmentationsspektroskopie und 2. Dissoziationsdynamik im OClO"	Experimental Physics Seminar of the Prof. Wöste group	10 May 2000	FU Berlin	
54	"Femtosekundenmethoden zur Beobachtung und Steuerung intramolekularer Dynamik an isolierten Molekülen"	SFB-Colloquium Coherent Control	9 May 2000	Berlin	
53	"Coherent Control"	Borgafjäll IV- Ultrafast Spectroscopy in Chemistry and Biology	9 - 15 April 2000	Borgafjäll	Sweden
52	"Fs pump-probe photoelectron spectroscopy on Na2: a tool to study basic coherent control schemes"	James-Franck Symposium	13 – 16 February 2000	Kreuth	
51	"Femtosekundenspektroskopie"	Biological Seminar University of Kassel	19 January 2000	Kassel	
50	"Kontrolle Molekularer Dynamik mit Fs-Lasern"	Institute Seminar of the Physical Chemistry Department of the TU Braunschweig	17 December 1999	Braunschweig	
49	"Laser control of chemical reactions"	Concerto for Fourier Transforms / Universite Libre de Bruxelles	24 November 1999	Bruxelles	Belgium
48	"Femtosekunden zeitaufgelöste Photoelektronen-Spektroskopie an Molekülen"	DFG Colloquium in the Priority Programme "Femtosekunden-Spektroskopie elementarer Anregungen in Atomen, Molekülen und Clustern"	15 - 16 November 1999	Bad Honnef	
47	"Ultrakurze Laserpulse: Einmischung in innere Angelegenheiten"	Inaugural Lecture on the University Kassel	4 November 1999	Kassel	
46	"Femtosekundenspektroskopie"	Interdisciplinary Colloquium of the Main Research Nanostructure Science	10 October 1999	Kassel	

45	"Femtosekundenspektroskopie"	Verein zur Förderung von Wissenschaft Technik und Kultur e.V.	23 June 1999	Kassel	
44	"Mapping of Molecular Dynamics in Intense Laser Fields"	International Conference on Lasers '98	7 – 11 December 1998	Tucson, Arizona	USA
43	"Photoelectron spectroscopy - a tool to study coherent control schemes in molecular multiphoton ionization"	Colloquium of the DFG Priority Programme "Femtosekunden Spektroskopie elementarer Anregungen in Atomen, Molekülen und Cluster"	14 - 16 October 1998	Würzburg	
42	"Femtosekundenmethoden zur Beobachtung und Steuerung intramolekularer Dynamik an isolierten Molekülen"	Plenary Talk at the DGP Spring Meeting	16 – 19 March 1998	Konstanz	
41	"Femtosekundenspektroskopie kleiner Moleküle"	Scientific Colloquium at the DLR Oberpfaffenhofen	10 February 1998	Oberpfaffenhofen	
40	"Femtosekundenmethoden zur Beobachtung und Steuerung intramolekularer Dynamik an isolierten Molekülen"	Seminar of the Institute of Technical Physics of the DLR	4 December 1997	Stuttgart	
39	"Femtosekunden zeitaufgelöste Photoelektronen-Spektroskopie an Molekülen"	DFG Colloquium in the Priority Programme "Femtosekunden-Spektroskopie elementarer Anregungen in Atomen, Molekülen und Clustern"	17 - 18 November 1997	Bad Honnef	
38	"Mapping of Vibrational Wavepacket Motion by Femtosecond Pump-Probe Photoelectron Spectroscopy"	Research Conference on Very High Resolution Spectroscopy with Photoelectrons	20 – 25 September 1997	Emmetten	Switzerland
37	"Femtosekunden-Echtzeitexperimente zur Dynamik molekularer Systeme"	Talk on the occasion of the appointment as DLR Head of Department „Lidarmethoden“	20 June 1997	Oberpfaffenhofen	
36	"Femtosekundenspektroskopie kleiner Moleküle"	Talk on the occasion of the professorship appointment for Experimental Physics at the University of Kassel	17 April 1997	Kassel	
35	"Photoelectron Spectra of Small Molecules in Femtosecond Laser Fields"	James Franck Symposium	12 – 15 January 1997	Ein-Gedi	Israel
34	1. "Erzeugung und Messung ultrakurzer Laserpulse" 2. "Echtzeitbeobachtung der Vibrationswellenpaketdynamik in kleinen Molekülen"	Seminar of the Research Training Group of the University Hannover "Femtosekundenspektroskopie: Experiment und Theorie"	9 October 1996	Meinerzhagen (represented by Professor Gerber)	
33	"Femtosecond Time Resolved Photoelectron Spectroscopy of Small Molecules"	5th International Workshop on Laser Physics; LPHYS'96	22 – 26 July 1996	Moscow	Russia
32	"Femtosekunden Spektroskopie an kleinen Molekülen in intensiven Laserfeldern"	Colloquium at the Max Planck Institute of Quantum Optics	9 July 1996	Garching	
31		Invited talk to 6th Laser Interactions Conference - Crete (LIC-C) on "The two or more electron problem in laser-atom interactions, Euroconference	29 - 31 May 1996	Crete	Greece
30	"Mapping of Vibrational Wave Packet Motion and Coherent Control of Molecular Ionization by a Chirped fs Laser Pulse"	Ultrafast Phenomena X	28 May – 1 June 1996	San Diego, CA	USA
29	"Femtosekundenspektroskopie kleiner Moleküle"	Physical Colloquium at the University of Würzburg	13 May 1996	Würzburg	
28	"Femtosecond Pump-Probe Experiments on Photodissociating Molecules (Na <sub>2</sub> and I <sub>Hg</sub> )"	158. WE-Heraeus-Seminar on Atomic Interactions in Laser Fields	7 – 9 March 1996	Bad Honnef	
27	"Femtosekundenspektroskopie an kleinen Molekülen: Ein Zugang zur kohärenten Kontrolle chemischer Reaktionen"	Seminar at the Institute of Optics and Quantum Electronics-Friedrich Schiller University	6 February 1996	Jena	

26	"Ultrakurzzeitspektroskopie an Molekülen und Clustern in intensiven Laserfeldern"	Physical Colloquium University of Konstanz	30 January 1996	Konstanz	
25	"Zeitaufgelöste Femtosekunden-Spektroskopie an kleinen Molekülen"	Seminar of the Department of Chemistry-University of Zurich	18 January 1996	Zürich	Switzerland
24	"Femtosekunden zeitaufgelöste Photoelektronen-Spektroskopie an Molekülen"	DFG-Colloquium Priority Programme "Femtosekunden-Spektroskopie elementarer Anregungen in Atomen, Molekülen und Clustern"	16 October 1995	Würzburg	
23	"Femtosecond Pump-Probe Experiments on Photodissociating Molecules (OCIO and IHgI)"	ECAMP 5	3 – 7 April 1995	Edinburgh	United Kingdom
22	"Femtosekunden-zeitaufgelöste Experimente an Molekülen"	Seminar of the Max-Planck-Institute für Plasmaphysik- Surface Physics	13 March 1995	Garching	
21	"Fundamentale Wechselwirkungen von Molekülen mit Femtosekunden-Laserpulsen"	Seminar of the Physical Chemistry-University of Würzburg	13 January 1995	Würzburg	
20	"Femtosecond Dynamics of Metal Molecules and Clusters"	Adriatico Research Conferences – Ultrafast Phenomena and Applications	6 – 9 December 1994	Trieste	Italy
19	"Dynamik von Metallclustern"	DFG Colloquium – Electronic Structure of Metal Surfaces	11 November 1994	Würzburg	
18	"Femtosecond Dynamics in Clusters "	Gordon Research Conferences on Atomic and Molecular Interactions	3 – 8 July 1994	Colby-Sawyer College, New London, New Hampshire	USA
17	"Femtosecond Experiments on Triatomics and Metal-Cluster"	Minisymposium on Dynamical Effects in Quantum Optics	6 – 8 April 1994	Helsinki	Finland
16	"Fundamental Interactions of Diatomic Molecules with Intense Femtosecond Laser Pulses"	Minisymposium on Dynamical Effects in Quantum Optics	6 – 8 April 1994	Helsinki	Finland
15	"Echtzeitbeobachtungen bei der molekularen Photofragmentation: OCIO, IHgI"	Seminar of the Max Born Institute for Nonlinear Optics and Short Pulse Spectroscopy	23 March 1994	Berlin-Adlershof	
14	"Femtosekunden Echtzeitbeobachtungen der molekularen Photodissoziation: OCIO und IHgI"	DPG Spring Meeting-Quantum Optics	18 March 1994	Hamburg	
13	"Echtzeitbeobachtungen zur Dynamik molekularer Systeme"	Seminar of the Max Planck Institute for Flow Research-Department for the Physics of Atoms and Molecules	18 January 1994	Göttingen	
12	"Echtzeitbeobachtungen molekularer Multiphotonen Ionisation und Fragmentation"	Seminar Physical Chemistry of the University of Cologne	16 November 1993	Cologne	
11	"Realtime Observation in Molecular Multiphoton Ionization and Fragmentation"	Colloquium of the SFB 276 "Korrelierte Dynamik"	12 October 1993	Colmar	Frankreich
10	"Real time observation in molecular multiphoton ionization and fragmentation"	9th General Conference of the European Physical Society-Trends in Physics	14 – 17 September 1993	Firenze	Italy
9	"Femtosecond Probing of NanCluster Ionization and Fragmentation"	6th International Symposium on Small Particles and Inorganic Clusters	15 – 22 September 1992	The University of Chicago, Chicago, Illinois	USA
8	"Femtosecond Spectroscopy of Molecules and Metal Clusters"	1992 Summer Gordon Research Conference on Multiphoton Processes	7 – 12 June 1992	ColbySawyer College, New London, New Hampshire	USA
7	"Dispersion und Wiederkehr eines Vibrations Wellenpaketes untersucht in Femtosekunden PumpProbe Experimenten"	DPG Spring Meeting-Quantum Optics	25 March 1992	Hannover	

6	"Der Laser Grundlagen und Anwendungen"	Advanced Trainings Course for Physics Teacher on Academic High Schools in Baden-Württemberg-Organization: Local Education Authority Freiburg	10 March 1992	Freiburg	
5	"Femtosecond Dynamics of Molecular Multiphoton Ionization"	Nato Advanced Research Workshop Coherence Phenomena in Atoms and Molecules in Laser Fields	5 – 10 May 1991	Mc Master University, Hamilton, Ontario	Canada
4	"Femtosekunden PumpProbe Experimente zur molekularen Multiphotonenionisation und Fragmentation"	DPG Spring Meeting-Quantum Optics	11 March 1991	Freiburg	
3	"Femtosecond pumpprobe studies of molecular multiphoton ionization and fragmentation"	XII GermanSoviet LaserSeminar	16 - 21 September 1990	Bayreuth	
2	"Erfahrungen mit einer DyeLaser gepumpten Nachverstärkungsanlage für FemtosekundenLichtimpulse"	DPG Spring Meeting-Quantum Optics	13 March 1990	Munich	
1	"Photofragmentation von Na2 mit Femtosekunden-Laserpulsen"	DPG Spring Meeting / Quantum Optics	8 March 1989	Essen	