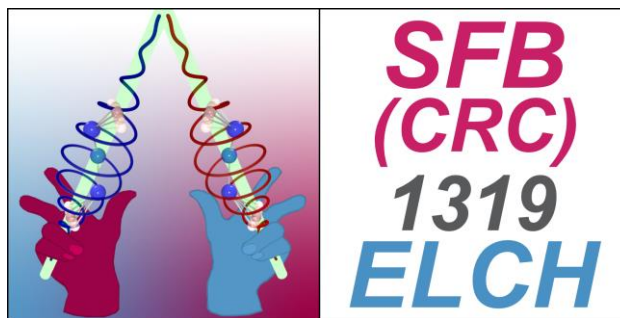


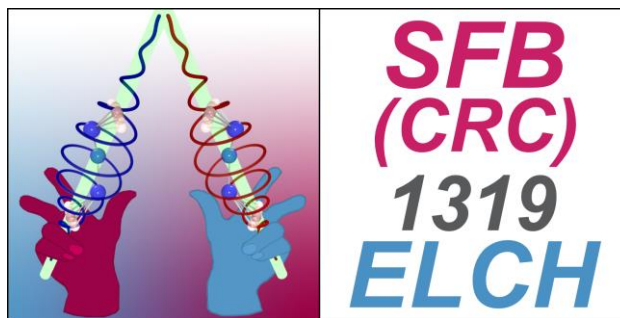
KTC-Königstein CRC Retreat Program



Monday, August 13th

12:30 – 13:30	Meet & greet with lunch
13:30 – 14:30	CRC Overview and Administration. Introductory talks by Prof. Thomas Baumert / Tillmann Kalas
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	Session 1 (A-Projects): Chair: Dr. Maksim Kunitski
14:30 – 15:00	Overview A Projects, Speaker: Prof. Reinhard Dörner
15:00 – 15:30	Project A1: <i>“Circular dichroism in electron emission of (partly) oriented chiral molecules upon single-photon absorption”</i> . Speakers: Prof. Reinhard Dörner
15:30 – 16:00	Project A2: <i>“Optical tunnelling in small chiral molecules – Multicoincidence and spin polarization studies of ionization of chiral molecules in short laser pulses”</i> Speakers: Prof. Reinhard Dörner
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16:00 – 16:30	Coffee break
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	Session 2 (A-Projects): Chair: Dr. Andreas Hans
16:30 – 17:00	Project A3: (Task 3) <i>“Chiral response to vibrationally selective narrowband excitation”</i> . Speaker: Dr. Arne Senftleben
17:00 – 17:30	Project A3/A5: (A3 Task 2) <i>“Chiral response to coherent octave-spanning broadband excitation”</i> and (A5 Task 2) <i>“Coherent control of CD in ion yield by shaped broadband excitation”</i> . Speaker: Dr. Han-gyeol Lee
17:30 – 18:00	Project A5: (Task 1) <i>“Coherent control of CD in ion yield by shaped 800 nm femtosecond laser pulses”</i> . Speaker: Tom Ring
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18:00 – 18:30	Late check-in and free time
18:30 – 20:00	Buffet dinner
20:00 – 22:00	Socializing. Facilities include bar, billiard, darts, table soccer, skittle alley

KTC-Königstein CRC Retreat Program



Tuesday, August 14th

Session 3 (Z/A Projects): Chair: Dr. Han-gyeol Lee

- 09:00 – 09:30 **Project Z1:** *“Synthesis and characterization of terpenoid Schiff base & halogenide derivatives”*. Speaker: Igor Vidanovic
- 09:30 – 10:00 **Project A6:** *“Cold atoms as ultrasensitive quantum sensors for chiral molecules”*. Speaker: Prof. Kilian Singer
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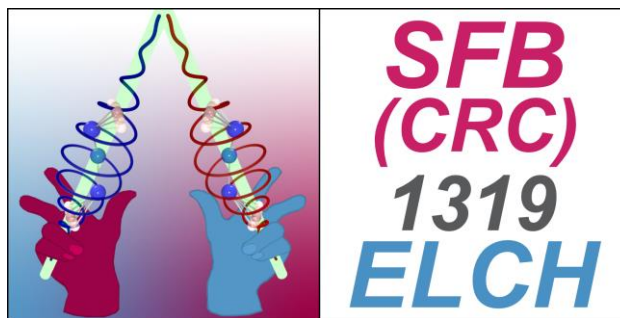
Session 4 (C-Projects): Chair: Dr. Daniel Reich

- 10:00 – 10:30 **Overview C Projects**, Speaker: Prof. Christiane Koch
- 10:30 – 11:00 Coffee break
- 11:00 – 11:50 **Project C1:** *“Circular dichroism in the photoionization and decay spectra of spatially-oriented chiral molecules”*. Speaker: Prof. Philipp Demekhin
- 11:50 – 12:30 **Project C2:** *“Quantum control of PECD”*. Speaker: Prof. Christiane Koch
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- 12:30 – 14:00 Buffet lunch and free time
- 14:00 – 16:00 Pls' assembly and young researchers' assembly (parallel in separate rooms)
- 16:00 – 16:30 Coffee break
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Session 5 (B-Projects): Chair: Dr. Guido Fuchs

- 16:30 – 17:00 **Overview B Projects**, Speaker: Prof. Thomas Giesen
- 17:00 – 17:30 **Project B1:** *“Chiral discrimination by Coulomb explosion and photoelectron diffraction”*. Speakers: AG Dörner
- 17:30 – 18:00 **Project B2:** *“Coherent Population Transfer in chiral molecules”*. Speaker: Prof. Melanie Schnell
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- 18:00 – 18:30 Preparation of poster session
- 18:30 – 20:00 Buffet dinner
- 20:00 – 22:00 Poster session

KTC-Königstein CRC Retreat Program



Wednesday, August 15th

Session 6 (B-Projects): Chair: Dr. Arne Senftleben

09:00 – 09:30 **Project B3:** *“Internal dynamics of chiral molecules in the light of IR- and THz-radiation”*. Speakers: Prof. Thomas Giesen, Dr. Guido Fuchs, Doris Herberth, Thomas Büchling, Daniel Witsch.

09:30 – 10:00 **Project B4:** *“Generation of laser pulses in the UV”*. Speakers: Roxana Savulea

10:00 – 10:30 Coffee break

Session 7 (C/A-Projects): Chair: Dr. Daniel Reich

10:30 – 11:00 **Project C3:** *“Theory of enantio-selective excitation”*. Speaker: Alexander Blech

11:00 – 11:30 **Project C4:** *“Simulations of Coulomb Explosion Imaging”*. Speaker: Mira Diekmann

11:30 – 12:00 **Project A4:** Progress report. Speaker: Dr. Andreas Hans

12:00 – 14:00 Buffet lunch and check-out

14:00 – 14:30 **Guest talk:** *by invitation of AG Ehresmann*, Chair: Prof. Arno Ehresmann
Speakers: Prof. Boris Lagutin, Prof. Ivan Petrov

14:30 – 15:00 Retreat closure and Summary

15:00 – 15:30 Departure individually or by the charter bus to S4 train station in Kronberg or to Kassel