

**SFB 1319 ELCH**

# SUMMERSCHOOL

September 17 – 20, 2019

Bad Arolsen



WELCOME HOTEL BAD AROLSEN  
Königin-Emma-Straße 10 · 34454 Bad Arolsen

## Speaker



**André Fielicke**  
Fritz-Haber-Institut der  
Max Planck Gesellschaft  
Berlin



**Daniel Reich**  
Theoretical Physics III  
Universität Kassel



**Yunjie Xu**  
University of Alberta  
Canada



**Per Jensen**  
Theoretical Chemistry  
Bergische Universität  
Wuppertal



**Kirsten Andrea Schnorr**  
Paul Scherrer Institut  
Schweiz



**Andrey Yachmenev**  
DESY  
Hamburg



**André Knie**  
Experimentalphysik IV  
Universität Kassel



**Olga Smirnova**  
Max Born Institut  
Berlin



**Anne Zehnacker-  
Rentien**  
CNRS, Paris, France



**Uwe Meierhenrich**  
Université de Nice  
Sophia Antipolis, France



**Florian Trinter**  
DESY Photon Science  
Hamburg

## General Information

**Check-in** on the day of arrival from 3 p.m., but by 8 p.m. at the latest **Check-out** on departure day until 11 a.m.

### Food & Beverages

Lunch- and Dinner-Bufferet, one soft drink (0,2 L) per person is included in the lunch. Soda water is available unlimited in the conference room.

**Hotels pub "Plückers"**, Billard, Darts, Sky Sportsbar

### Spa and gym area

Indoor pool with water jacuzzi and whirlpool  
Indoor and outdoor sauna landscape (from 4 €/day)

In case of problems:

**Conference phone:** 0174 5948224 (Tillmann Kalas)

<b>Tuesday, 17 September 2019</b>	
11:30 - 12:30	Travel (Bus leaves 11:30 from train station "Bahnhof Wilhelmshöhe", Kassel)
12:30 - 14:00	Lunch
14:00 - 14:30	Baumert/Kalas/Herberth Introduction
14:30 - 15:30	Smirnova Electric dipole revolution in chiral measurements
15:30 - 16:00	Coffee
16:00 - 17:30	Trinter Lecture: Experiments on chiral molecules at the DESY P04 beamline
18:00 - 19:30	Dinner in Hotel
19:30 - open end	Social get together (Plückers)

<b>Wednesday, 18 September 2019</b>	
07:30 - 09:00	Breakfast
09:00 - 09:45	Xu Chirality recognition, transfer, and amplification
09:45 - 10:30	Meierhenrich Astronomical aspects of chirality: The enantioselective space missions Rosetta and ExoMars
10:30 - 11:00	Coffee
11:00 - 12:30	Knie Lecture: Vacuum Technology
12:30 - 14:00	Lunch
14:00 - 14:30	Knie Lecture Question Time
14:30 - 15:30	Young Researcher Meeting & PI Meeting
15:30 - 17:30	Guided Tour through "Residenzschloß Arolsen"
18:00 - 19:30	Dinner at Restaurant Schloßgarten
19:30 - 21:30	Poster Session

<b>Thursday, 19. September 2019</b>	
07:30 - 09:00	Breakfast
09:00 - 10:30	Jensen Lecture: Molecular permutation-inversion symmetry, chirality and parity violation, and all that
10:30 - 11:00	Coffee
11:00 - 12:30	Jensen Lecture: Molecular permutation-inversion symmetry, chirality and parity violation, and all that
12:30 - 14:00	Lunch
14:00 - 14:45	Zehnacker-Rentien Flexible chiral molecules: from supersonic expansions to solid-state spectroscopy
14:45 - 15:30	Fielicke PECD of anionic chiral molecules with attached gold atoms
15:30 - 16:00	Coffee
16:00 - 16:45	Schnorr Time resolved FEL experiments
16:45 - 17:30	Yachmenev Creating, imaging and controlling chiral molecules with electric fields
18:00 - 19:30	Dinner at Hotel
19:30 - open end	Social get together

<b>Friday, 20. September 2019</b>	
07:30 - 09:00	Breakfast
09:00 - 10:30	Reich Lecture: Everything* You Always Wanted to Know About Light-Matter Interaction (But Were Afraid To Ask)
10:30 - 11:00	Coffee
11:00 - 12:30	Reich Lecture: Everything* You Always Wanted to Know About Light-Matter Interaction (But Were Afraid To Ask)
12:30 - 14:00	Lunch
14:00 - 15:30	Poster Session - continued
15:30 - 16:00	Baumert/Kalas/Herberth Wrap-up
16:00	Travel (Bus leaves 16:00 from Hotel to train station "Bahnhof Wilhelmshöhe")