Programme TULIP School 2023

(April 3 – 6, 2023 Hotel De Witte Raaf, Noordwijk, The Netherlands)

MONDAY, APRIL 3

11.00 – 12.45	Arrival and Registration * Attach posters
13.00 – 14.15	Lunch
14.15 – 16.00	Prof. Dr. Mischa Bonn (Max Planck Institute for Polymer Research, Germany) *Spectroscopy is Spectroscopy is Spectroscopy - Part 1*
16.00 – 16.30	Coffee/tea break
16.30 – 18.15	Prof. Dr. Helen Fielding (University College London, UK) *UV Photoelectron Spectroscopy of Aqueous Solutions - Part 1* **Sponsored by the John van Geuns Fonds**
18.30 – 20.00	Buffet followed by poster session 1
20.15 – 22.00	Prof. Dr. Randall H. Goldsmith (University of Wisconsin-Madison, USA) *Everything I Ever Needed to Know about Optical microresonators I Learned in Freshman Chemistry - Part 1*

TUESDAY, APRIL 4

07.00 – 08.30	Breakfast
08.45 – 10.30	Prof. Dr. Brooks Pate (University of Virginia, USA) *Broadband Microwave Spectroscopy in Chemical Dynamics, Laboratory Astrochemistry, and Molecular Structure: Applications in Physical Chemistry - Part 1*
10.30 – 11.00	Coffee/tea break
11.00 – 12.45	Prof. Dr. Hans Jakob Wörner (ETH Zürich, Switzerland) *Attosecond Photoionization Dynamics: From Molecules Over Clusters to the Liquid Phase - Part 1*
12.45 – 14.00	Group photo and lunch
14.00 – 16.00	Free time
16.00 – 16.30	Coffee/tea break
16.30 – 18.15	Dr. Valérie Gabelica (Institut Européen de Chimie et Biologie, France) *Mass Spectrometry for Biophysics and Supramolecular Complexes - Part 1*

18.30 – 20.00 Dinner

20.15 – 21.15 4 Short oral talks by participants (**The PCCP Young Scientist Hot Topics**)

- Stefan Bergmeister (University of Innsbruck, Austria)
  Spectroscopy of Phthalocyanine Solvated in Water

- Amar Raj (University of Jyväskylä, Finland)
  Unveiling the Influence of Dielectric Constant on Excited-State Proton Transfer by Femtosecond Broadband Fluorescence

- Anna-Maria Schönemann (Georg August University of Göttingen / Max Planck Institute for Multidisciplinary Sciences, Germany)
  Generation of sub-ns H Atom Pulses for Time-Resolved Surface-Scattering Experiments

- Himanshi Singh (Deutsches Elektronen-Synchrotron DESY / Christian-Albrechts-Universität zu Kiel, Germany)
  Chiral Control of Gas-Phase Molecules using Microwave Pulses

21.15 – 22.00 Poster session 2

WEDNESDAY, APRIL 5

07.00 – 08.30 Breakfast
* Remove posters

08.45 – 10.30 Prof. Dr. Hans Jakob Wörner (ETH Zürich, Switzerland)
Charge Migration and Conical-Intersection Dynamics: From Small Molecules to the Solution Phase - part 2

10.30 – 11.00 Coffee/tea break

11.00 – 12.45 Prof. Dr. Randall H. Goldsmith (University of Wisconsin-Madison, USA)
What are the Limitations of Single-Molecule Spectroscopy? More Importantly, How do we Get Past Them? - Part 2

12.45 – 14.00 Lunch

14.15 – 16.00 Prof. Dr. Helen Fielding (University College London, UK)
UV Photoelectron Spectroscopy of Aqueous Solutions - Part 2
Sponsored by the John van Geuns Fonds

16.00 – 16.30 Coffee/tea break

16.30 – 18.15 Prof. Dr. Mischa Bonn (Max Planck Institute for Polymer Research, Germany)
Surface-Specific Vibrational Spectroscopy of Interfacial Water at an Graphene Electrode - Part 2

18.30 – 23:00 Dinner and social event

THURSDAY, APRIL 6

07.00 – 08.30	Breakfast
08.45 – 10.30	Dr. Valérie Gabelica (Institut Européen de Chimie et Biologie, France) *Mass Spectrometry for Biophysics and Supramolecular Complexes - Part 2*
10.30 – 11.00	Coffee/tea break
11.00 – 12.45	Prof. Dr. Brooks Pate (University of Virginia, USA) *Experiences in Commercialization of Molecular Rotational Resonance Spectroscopy: The BrightSpec Development of Analytical Chemistry Applications of Rotational Spectroscopy - Part 2*
12.45 – 13.00	Poster Awards & Closure
13.00 – 14.00	Lunch
14.15	Departure