

## Program

### Sunday, Aug. 7

18:30 Dinner

20:00 After-dinner lecture  
Chair: Villy Sundström  
Douwe A. Wiersma  
*Echo's of the past, flashlight on the future*

### Monday, Aug. 8

Chair: Tõnu Pullerits  
9:00 Graham Fleming  
*Two-Dimensional Electronic-Vibrational Spectroscopy of Complex Molecular Systems*

9:45 John Wright  
*Floquet State Spectroscopy – The Heart of Multidimensional Spectroscopy*

10:30 Coffee

Chair: Oliver Kühn  
11:00 Shaul Mukamel  
*History of multidimensional spectroscopy; from NMR to X rays*

11:45 Yoshitaka Tanimura  
*Modeling and analyzing 2D IR-mid IR spectrum of liquid water: Hierarchical equations of motion (HEOM) approach*

12:30 Lunch

Chair: Tomáš Mančal  
14:00 Peter Hamm  
*Molecular Clustering in Solution and on Surfaces*

14:45 Martin Zanni  
*Voltage-gated 2D IR spectroscopy of solvation dynamics and ion channel structures*

15:30 Coffee

Chair: Donatas Zigmantas

16:00 David Jonas

*Femtosecond 2DFT Spectroscopy Resolves Disorder to Reveal Reactive Dynamics, Even Under the Quantum Zero-Point*

16:45 Minhaeng Cho

*Interference spectroscopy and microscopy: From single-photon interferometry to brain tissue imaging*

18:30 Dinner

## **Tuesday, Aug. 9**

Chair:

9:00 Michael D. Fayer

*Ultrafast 2D IR Chemical Exchange Spectroscopy*

9:45 Kevin Kubarych

*Chemical Applications of Multidimensional Optical Spectroscopy*

10:30 Coffee

Chair:

11:00 Steven Cundiff

*Optical Multidimensional Coherent Spectroscopy of Nanostructures and Defects*

11:45 Dwayne Miller

*How does Chemistry Scale in Complexity to Biological Systems?*

12:45 – 17:45

Excursion, spa, free time. More information will come

18:30 Dinner

20:00 Poster session, everyone is encouraged to bring posters

## Wednesday, Aug. 10

- Chair: Maria Abrahamsson
- 9:00 Gregory D. Scholes  
*Coherence Phenomena Enhance the Spectroscopic Ruler*
- 9:45 Elisabetta Collini  
*Coherent multidimensional techniques for the characterization of nanomaterials*
- 10:30 Coffee
- Chair: Bo Albinsson
- 11:00 Tobias Brixner  
*High-order spectroscopy of multi-particle dynamics*
- 11:45 Andrew Marcus  
*Ensemble and single-molecule studies of the local conformations, conformational disorder and dynamics of exciton-coupled cyanine dimer-labeled DNA fork constructs*
- 12:30 Lunch
- Chair: Johan Mauritsson
- 14:00 Majed Chergui  
*On the way to short-wavelength multidimensional spectroscopies*
- 14:45 Giulio Cerullo  
*Ultrafast processes in heterostructures of 2D materials*
- 15:30 Coffee
- Chair:
- 16:00 Keith Nelson  
*2D THz spectroscopy of molecules and materials*
- 16:45 Thomas Elsaesser  
*Charge dynamics in polar liquids and biomolecules mapped by 2D infrared and terahertz spectroscopy*
- 18.30 Dinner/Banquet

**Thursday, Aug. 11**

Direct bus to CPH at ~8.00, arrival no later than 10.00

