

## **Program First In-Person Meeting of MSCA Doctoral Network “PhotoCaM”**

Monday, Oct 14, Arrival

- 19.00 Dinner downtown (optional, meeting in the lobby of Intercity Hotel)  
19.30 “Ratskeller Bremen” <https://www.ratskeller-bremen.de/>

**Conference Venue: Constructor University, Campus Center, Conference Room**

Tuesday, Oct 15

- 9.00- 9.05 Ulrich Kleinekathöfer: Welcome  
9.05- 9.45 Nicoletta Liguori, Institute of Photonic Sciences, Castelldefels  
“Photosynthetic proteins in action! Towards a real-time investigation of how light-harvesting is regulated in plants”  
9.45-10.25 Vangelis Daskalakis, University of Patras  
“A tale of two Light-Harvesting Complexes”  
  
Coffee Break  
  
10.55-11.35 Stephane Redone, OneAngstrom SAS, Grenoble  
“The SAMSON molecular design platform”  
11.35-12.15 Lorenzo Cupellini, University of Pisa  
“Building first-principles exciton models for light-harvesting complexes”  
  
12.15-13.45 Lunch on campus in College “Nordmetall”  
  
13.45-14.45 Invited: Alexander Ruban, Queen Mary University of London  
“The mechanism of qE in the plant photosynthetic membrane”  
14.45-15.25 Thomas la Cour Jansen, University of Groningen  
“Towards coarse grained simulations for two-dimensional action spectroscopy for photosynthesis”  
15.25-15.40 Introduction PhD Student 1-4  
  
Coffee Break  
  
16.10-16.50 Thomas Renger, Johannes Kepler University Linz  
“The role of charge transfer states in photosystem II: What we know and what keeps us busy”  
16.50-18.00 Discussion Formalities PhotoCaM (Secondments, Deliverables, Milestones, ...)  
  
18.30 Dinner on Campus in College “Nordmetall”  
  
19.30 Informal Meeting (“Tea Room” of Research II) including poster session (beer & soft drinks provided)

### Wednesday, Oct 16

9.00- 9.40 Dimitrios Pantazis, Max Planck Institute for Coal Research, Mühlheim  
“Exploring multireference approaches for photosynthetic reaction centers”

9.40-10.20 Marcus Elstner, Karlsruhe Institute of Technology  
“Neural network accelerated NAMD simulations of exciton transfer  
in FMO and LH2”

Coffee Break

10.40-11.40 Invited: Roberta Croce, Vrije Universiteit Amsterdam  
“Photosynthesis in the far-red: from cyanobacteria to plants”

11.40-12.20 Darius Abramavicius, Vilnius University  
“Interplay of electronic and vibrational excitations in aggregates”

12.20-13.50 Lunch on campus in College “Nordmetall”

13.50-14.30 Ulrich Kleinekathöfer, Constructor University, Bremen  
“Multiscale simulations for light harvesting in plants and diatoms”

14.30-14.45 Introduction PhD Student 4-8

Coffee Break

15.05-16.30 Discussion Photocam – discussions how to make PhotoCaM work as a network,  
develop joint projects

(end of formal program for PIs)

Optional:

Tour of the Bremen City (self-guided and/or by local students)

19.30 “Schüttinger” <https://www.schuettinger.de/>

### Thursday, Oct 17 (PhD students only)

9.00-10.00 Sebastian Springer, Constructor University  
“How to give great presentations”

10.00-10.30 Discussion on communication tools and web page

10.30 Coffee Break

11.00-12.00 Rene Wells, Constructor University  
“Public Engagement Intro for the Emerging Researcher – from Theory to Practice”

12.00-13.30 Lunch on campus in College “Nordmetall”

13.30-14.30 Monthly “Student Corner”: Presentation by a PhD student

14.30-15.00 Final discussion on how to make the Doctoral Network “work”, possible joint  
projects and (mutual) visits