

Winter School PhotoReAct, 24- 28 January 2022 (CET- Central European Time)

Program

Monday, 24 January 2022

Zoom link: https://us02web.zoom.us/j/83927367481?pwd=WGJsejlKem9WbjUwR1V4akFDeGE1dz09 Meeting ID: 839 2736 7481 Passcode: 236929

13:15-13:30 Welcome word (Tim Noël, Aida Kalender, UvA)

13:30- 17:00

Soft skills training part 1

Time management

Trainer Maarten Bordewijk, Hertz - Training for scientists www.bhertz.nl



Tuesday, 25.01.2022.

Zoom link: https://uva-live.zoom.us/j/82690955082 Meeting ID: 826 9095 5082

09:00-09:15 Welcome word and short introduction of the external lecturer (Tim Noël, UvA & Eli Zysman-Colman, USTAN)

09:15-10:00 Lecture1 (part 1): "Chemical Photocatalysis in Organic Synthesis -Fundamentals, Opportunities and Limits", **Prof. Dr. Burkhard König, Institut fuer Organische Chemie, Universitaet Regensburg**

10:00- 10:15 Coffee Break

10:15- 11:00 Lecture1 (part 2): "Chemical Photocatalysis in Organic Synthesis -Fundamentals, Opportunities and Limits", Prof. Dr. Burkhard König, Institut fuer Organische Chemie, Universitaet Regensburg

11:00 - 11:15 Time for discussion11:15- End of the day for ESRs

11.30-13.30 Supervisory Board Meeting (only for Pis and ESRs' representative)



Wednesday, 26.01.2022.

Zoom link: https://uva-live.zoom.us/j/89438909181 Meeting ID: 894 3890 9181

09:00-09:30 ESR 1 09:30-10:00 ESR 2 10:00-10:30 ESR 3 10:30-10:45 Time for discussion 10:45-11:00 Coffee Break 11:00-11:30 ESR 5 11:30-12:00 ESR 7 12:00-12:30 ESR 8 12:30-12:45 Time for discussion 12:45-13:30 Lunch break 13:30 - 14:00 ESR 9 14:00- 14:30 ESR 10 14:30-15:00 ESR 11 15:00-15:15 Time for discussion 15:15-15:30 Coffee break 15:30-16:00 ESR 12 16:00- 16:30 ESR 13 16:30- 17:00 ESR 14

17:00- 17:30 ESR 15



Thursday, 27. 01. 2022.

Zoom link: https://uva-live.zoom.us/j/83984431742 Meeting ID: 839 8443 1742

09:00- 09:15 Welcome word and short introduction of the external lecturers (Tim Noël, UvA & Eli Zysman-Colman, USTAN)

09:15- 10:00 Lecture2 (part 1) "Mechanistic studies of photoredox reactions", Prof. Dr. Oliver Wenger, University of Basel, Department of Chemistry

10:00- 10:15 Coffee Break

10:15-11:00 Lecture2 (part 2) "Mechanistic studies of photoredox reactions", Prof. Dr. Oliver Wenger, University of Basel, Department of Chemistry

11:00-11:15 Time for discussion

11:15- 11:30 Coffee Break

11:30- 12:30 Lecture3 "Give us insight, not numbers: Achievements, shortcomings and opportunities in computational chemistry", Fernanda Duarte, Associate Professor of Chemistry, Fellow and Tutor at Hertford College, Chemistry Research Laboratory, University of Oxford

12:30-12:45 Time for discussion

12:45-13:30 Lunch break



Friday, 28. 01. 2022.

Zoom link:

https://us02web.zoom.us/j/83554084370?pwd=TnZRbkNPM0tuTm5ybytXcDlhMXIBZz09

Meeting ID: 835 5408 4370 Passcode: 051851

09:30-13:00

Soft skills training part 2

Project management

Trainer Maarten Bordewijk, Hertz - Training for scientists www.bhertz.nl

13:00- 14:00 Lunch Break

14:00- 14:25 Lecture Zoom link: https://us02web.zoom.us/j/84812789008

Chiat Cheong: Your PhD as a stepping stonean introduction to PhD career development

Topics:

- embarking the PhD journey
- the outcome of your PhD
- making the most of this experience
- brief introduction to the career training in month 26

Trainer: Chiat Cheong https://phdpower.wordpress.com/about-me/

14:25- 14:30 Q&A



Information about Winter School PhotoReAct trainers



Lecture: "Chemical Photocatalysis in Organic Synthesis - Fundamentals, Opportunities and Limits", Prof. Dr. Burkhard König, Institut fuer Organische Chemie, Universitaet Regensburg Tuesday, 25 January 2022, 09:15- 11:15

Burkhard König received his Ph.D. in 1991 from the University of Hamburg. He continued his scientific education as a post- doctoral fellow with Prof. M. A. Bennett, Research School of Chemistry, Australian National University, Canberra, and Prof. B. M. Trost, Stanford University. Since 1999, he is a full professor of organic chemistry at the University of Regensburg. His current research interests are the development of synthetic methods in photoredox catalysis.



Lecture: "Mechanistic studies of photoredox reactions", Prof. Dr. Oliver Wenger, University of Basel, Department of Chemistry

Thursday, 27 January 2022, 9:15-11:15

Oliver S. Wenger received a Ph. D. degree from the University of Berne (Switzerland) in 2002 after work with Hans U. Güdel. Following postdoctoral stays at Caltech (with Harry B. Gray, 2002-2004) and University of Strasbourg (with Jean-Pierre Sauvage, 2004-2006), he became assistant professor at University of Geneva in 2006. In 2009, he moved to the University of Göttingen (Germany) as associate professor. He returned to Switzerland in 2012 to the University of Basel, where he was promoted to full professor in 2018.





Lecture: "Give us insight, not numbers: Achievements, shortcomings and opportunities in computational chemistry", Fernanda Duarte, Associate Professor of Chemistry, Fellow and Tutor at Hertford College, Chemistry Research Laboratory, University of Oxford

Thursday, 27 January 2022, 11:30-12:45

Fernanda Duarte obtained her PhD in Chemistry from the Pontificia Universidad Católica de Chile (PUC) in 2012. After graduation, she joined the Department of Cell and Molecular Biology at Uppsala University, where she pursued training in biomolecular modeling. In December 2015 she moved to the University of Oxford with a Royal Society Newton Fellowship working in the area of computational organic chemistry. After a short period at the University of Edinburgh, she returned to Oxford and took up her first faculty appointment as Associate Professor at the Department of Chemistry.

Fernanda leads a team working at the interface between catalysis, computational and physical organic chemistry. They develop computational methods and molecular models to understand (bio)chemical reactivity and guide molecular design. Fernanda has received various accolades; including the L'Oreal-UNESCO Women in Science award (2009), Pre-doctoral Fulbright scholarship (2010), Marie Curie Career Grant (2015), the Newton Fellowship (2015), MGMS Frank Blaney Award from the Molecular Graphics and Modeling Society (2020), OpenEye Outstanding Junior Faculty Award (2021) and Harrison-Meldola Memorial Prize (2021).





Lecture: Time and project management Monday, 24 January 2022, 13:30- 17:00 Friday, 28 January 2022, 09:30- 13:00

Maarten Bordewijk is an experienced trainer, who is an expert in understanding what is needed to make people in organizations succeed in their project and process approach. Maarten has an extensive international track record including assignments in the United Kingdom, Russia, Mexico, Germany, Belgium and the Netherlands. Many of these concerned communication and process management in an academic environment.



Lecture: Your PhD as a stepping stonean introduction to PhD career development

Friday, 28 January 2022, 14:00-14:30

Chiat Cheong is scientist by training. She spent the first 11 years of her career in academic research, in the field of cancer gene therapy. When academia could no longer provide her what she looked for in a career, she changed her professional focus. Since 2009 she supports scientists in career orientation, benefitting from her research background and the struggles in career transition she went through herself. In 2016 she established Qia Consultancy & Training to provide consultancy to research organizations in the set-up of PhD programmes for career orientation. She also runs trainings, workshops and offers individual coaching. She provides structure and guidance in identifying opportunities where one can both make the most of their PhD Power and find job fulfilment.

