

# Program Reunion – Symposium

February 27 and 28, 2020 at Blauwe Zaal - Auditorium TU/e

Thursday February 27:

1. 9.00-9.20 Greeting old friends with coffee and tea
2. 9.20-9.25 **Opening**
- Session 1** **Chair:**
3. 9.25-9.50 **Luc Brunsveld** "Supramolecular chemical biology; from self-assembly into drug discovery"
4. 9.50-10.10 **Takashi Hirose** "Photophysical and mechanical properties of  $\pi$ -extended helicenes"
5. 10.10-10.30 **Helen Zha** "Synthesis and self-assembly of silk and silk-mimetic materials"
- 10.30-11.00** **Break**
- Session 2** **Chair:**
6. 11.00-11.25 **Tom de Greef** "Multicomponent molecular assemblies in chemistry and biology"
7. 11.25-11.50 **Brett Helms** "Re-imagining polymer chemistry for a circular economy"
8. 11.50-12.30 **Fire talks**
  - **Michael Pittelkow** "Discovery and supramolecular chemistry of biotin[6]uril"
  - **Amparo Ruiz-Carretero** "Hydrogen-bonding in organic electronics; supramolecular chirality, optoelectronic properties and photoconductivity"
  - **Matt Baker** "Physical organic tissue engineering"
- 12.30-14.00** **Lunch**
- Session 3** **Chairs:**
9. 14.00-14.25 **Patricia Dankers** "Supramolecular biomaterials in action"
10. 14.25-14.50 **Pol Besenius** "Modular vaccines using supramolecular glycoconjugates"
11. 14.50-15.10 **Maarten Smulders** "How far can we push dynamic polymer materials design?"
12. 15.10-15.30 **Lorenzo Albertazzi** "A Super-resolved view on supramolecular materials"
- 15.30-16.15** **Break**
- Session 4** **Chairs:**
13. 16.15-16.40 **Thomas Hermans** "Life-like supramolecular materials based on chemically fueled reaction cycles"
14. 16.40-17.05 **Subi George** "Axial organic hetero-structures via multi-component supramolecular copolymerization"
15. 17.05-17.30 **Oren Scherman** "Exploiting dynamic host-guest interactions in supramolecular systems"
- 17.30 – 21.00** **Drinks – Dinner – Business Interactions in Senaatszaal**

# Program Reunion – Symposium

February 27 and 28, 2020 at Blauwe Zaal - Auditorium TU/e

Friday February 28:

## Session 5

### Chairs:

1. 9.00-9.25 **Anja Palmans** *"Past, present and future of single chain polymeric nanoparticles"*
2. 9.25-9.50 **Renaud Nicolay** *"Vitrimers: concepts and design"*
3. 9.50-10.10 **Jørn Christensen** *"A brief history of defects and chemistry"*
4. 10.10-10.30 **S.K. Asha** *"Self-assembly of perylenebisimide (PBI) with PS b P4VP: an in-depth insight into the core of core-shell micelles"*

**10.30-11.00**

**Break**

## Session 6

### Chairs:

5. 11.00-11.25 **Pascal Jonkheijm** *"Coatings for biomedical applications"*
6. 11.25-11.50 **David Gonzalez Rodriguez** *"Custom-tailored self-assembled nanotubes through hierarchical coupling of cooperative interactions"*
7. 11.50-12.30 **Fire talks**
  - **Miguel Garcia-Iglesias** *"Benzotrithiophene tricarboxamides (BTTAs): From aqueous supramolecular polymers to nanostructured ferroelectric materials"*
  - **Louis Pitet** *"Plastics refinery - polymer technology For a circular economy"*
  - **Andreas Vargas Jentzsch** *"Self-assembly of triarylaminines: The devil is in the details"*
  - **Ghislaine Vantomme** *"The construction of supramolecular systems"*

**12.30-14.00**

**Lunch**

## Session 7

### Chairs:

8. 14.00-14.25 **Andy Wilson** *"Understanding and manipulating transient protein-protein interactions using chemical biology approaches"*
9. 14.25-14.45 **Richard Hoogenboom** *"Poly(2-isopropenyl-2-oxazoline) as reactive platform for tough supramolecular hydrogels"*
10. 14.50-15.30 **Fire talks**
  - **Stanislav Presolski** *"Let there be light: photochromic spatiotemporal control of catalytic micromotors"*
  - **Joaquin Calixto Garcia Martinez** *"Shedding lights on oligostyryl derivatives"*
  - **Jos Paulusse** *"Polymers and nanoparticles in drug delivery and targeted imaging"*

**15.30-16.15**

**Break**

## Session 8

### Chairs:

11. 16.15-16.35 **Maartje Bastings** *"Guiding the supramolecular self-assembly of precision materials with DNA"*
12. 16.35-16.55 **Peter Korevaar** *"Programmable life-like materials that organize at mesoscopic scale"*
13. 16.55-17.20 **Jan van Hest** *"Adaptive polymer nanoreactors with life-like features"*

14. 17.20-17.30 **Closure**

**17.30-18.30**

**Drinks in CERES and option to visit the laboratory in Helix**

**18.30-23.00**

**Drinks and Party in CERES**

## Speakers Reunion – Symposium

*February 27 and 28, 2020 at Blauwe Zaal - Auditorium TU/e*

- **Amparo Ruiz-Carretero** *Institut Charles Sadron CNRS, Strasbourg, France*
- **Andy Wilson** *University of Leeds, UK*
- **Anja Palmans** *Eindhoven University of Technology, The Netherlands*
- **Andreas Vargas Jentzsch** *Institut Charles Sadron CNRS, Strasbourg, France*
- **S.K. Asha** *CSIR-National Chemical Laboratory, Pune, India*
- **Brett Helms** *Molecular Foundry, University of California, Berkeley, USA*
- **David Gonzalez Rodriguez** *Universidad Autónoma de Madrid, Spain*
- **Ghislaine Vantomme** *Eindhoven University of Technology, The Netherlands*
- **Helen Zha** *Rensselaer Polytechnic Institute, Troy, USA*
- **Jan van Hest** *Eindhoven University of Technology, The Netherlands*
- **Joaquin Calixto Garcia Martinez** *Universidad de Castilla-La Mancha, Ciudad Real, Spain*
- **Jørn Christensen** *University of Copenhagen, Denmark*
- **Jos Paulusse** *University of Twente, The Netherlands*
- **Lorenzo Albertazzi** *Eindhoven University of Technology, The Netherlands*
- **Louis Pitet** *Hasselt University, Belgium*
- **Luc Brunsveld** *Eindhoven University of Technology, The Netherlands*
- **Maarten Smulders** *University of Wageningen, The Netherlands*
- **Maartje Bastings** *EPFL Lausanne, Switzerland*
- **Matt Baker** *University of Maastricht, The Netherlands*
- **Michael Pittelkow** *University of Copenhagen, Denmark*
- **Miguel Garcia-Iglesias** *Universidad Autónoma de Madrid, Spain*
- **Oren Scherman** *University of Cambridge, UK*
- **Patricia Dankers** *Eindhoven University of Technology, The Netherlands*
- **Pascal Jonkheijm** *University of Twente, The Netherlands*
- **Peter Korevaar** *Radboud University Nijmegen, The Netherlands*
- **Pol Besenius** *Johannes Gutenberg University, Mainz, Germany*
- **Renaud Nicolay** *École supérieure de physique et de chimie industrielles, Paris, France*
- **Richard Hoogenboom** *Ghent University, Belgium*
- **Stanislav Presolski** *Yale-NUS College, Singapore*
- **Subi George** *Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore, India*
- **Takashi Hirose** *Kyoto University, Kyoto Japan*
- **Thomas Hermans** *ISIS, University of Strasbourg, France*
- **Tom de Greef** *Eindhoven University of Technology, The Netherlands*

## Sponsors Reunion – Symposium

*February 27 and 28, 2020 at Blauwe Zaal - Auditorium TU/e*

**TU/e** Technische Universiteit  
Eindhoven  
University of Technology

**Institute for Complex  
Molecular Systems**



**SyMO-Chem**



  
**Alexander von Humboldt**  
Stiftung/Foundation

## Contacts Reunion – Symposium

*February 27 and 28, 2020 at Blauwe Zaal - Auditorium TU/e*

Eindhoven University of Technology  
P.O. Box 513 (Ceres 1.31)  
5600 MB Eindhoven  
Bert Meijer | Carla Bouwman

Phone: +31 40 247 3101  
E-mail: [e.w.meijer@tue.nl](mailto:e.w.meijer@tue.nl) | [c.h.m.bouwman@tue.nl](mailto:c.h.m.bouwman@tue.nl)  
Internet: [www.meijerlab.nl](http://www.meijerlab.nl)