



**Program FMS Annual meeting, Zwolse Theaters – Zwolle  
Friday May 13, 2022**

*Start 09:30 Registration, coffee and tea, install poster*

*10:00-10:05 Opening meeting and general introduction*

**10:05-11:25 Session 1**

*10:05-10:25* **Reuben Leveson-Gower** – Roelfes group

'Artificial enzymes featuring unnatural amino acids as catalytic group: from synergistic catalysis to *in vivo* applications'

*10:25-10:45* **Pieter Gilissen** – Nolte group

'A photoswitchable catalyst for the enantiodivergent epoxidation'

*10:45-11:05* **Stef Jansen** – Meijer group

'Navigating the assembly landscape of supramolecular polymer systems'

*11:05-11:25* **Armin Kiani** – Otto group

'Integrating replication with compartmentalization'

*11:25-11:45 Coffee break*

**11:45-12:30 Keynote**

**Tanja Weil, Max Planck Institute for Polymer Research, Mainz**

**'Materials talking to Cells'**

*12:30-14:00 Lunch and poster session \* (\* FMS staff member meeting during lunch)*

**14:00-15:35 Session 2**

*14:00-14:20* **Iris Smokers** – Spruijt group

'Development of an ATP-analogue for creating more complex systems at the origins of life'

*14:20-14:40* **Tom van der Pol** – Janssen group

'Photoluminescence of thin films: to measure is not to know.'

*14:40-15:00* **Lotte Stindt** - Feringa group

'Molecular motors based on bisoxazoline ligands'

*15:00-15:20* **Thijs de Jong** – Huck group

'Using the formose reaction for reservoir computing'

**15:20-15:35 Fire Talks**

**Martin Rutten** – Dankers group

'Induction of stress stiffening in artificial matrices by fibrous assemblies of small molecules'

**Andy Sardjan** – Browne group

'Unexpected preference for singlet versus triplet photochemistry in thio-spiropyrans'

**Quentin Duez** – Roithová group

'Inside out: Ion mobility for porphyrin cage catalysts'

15:35-16:00 *Coffee break*

**16:00-17:35 Session 3**

16:00-16:20 **Mitch Winkens** – Korevaar group

'Self-organization of surface-active tethered droplets'

16:20-16.40 **Marleen van Stevendaal** – Van Hest group

'Functional interactions at the synthetic/living cell interface'

16:40-17:00 **Emira Visser** – Brunsveld group

'The 14-3-3 protein as platform for PPI stabilization'

17:00-17:20 **Jiabin Luan** – Wilson group

'Complex energy landscapes of synthetic vesicles'

**17:20-17:35 Fire Talks**

**Dhanya Babu** – Katsonis group

'Morphogenesis of synthetic dendritic structures'

**Marieke Veenstra** – Harutyunyan group

'Small molecule based cross-catalysis'

**Soumabrata Majumdar** – Sijbesma group

'Synthetic catch bonds in dynamic covalent networks'

**17:35-17:50 Wilhelm Huck** - 'Big Chemistry'

17:50-18:00 *Meeting closure*

**18:00-19:00 Drinks & poster session**

**19:00-20:45 Walking dinner & music**

21:00 *Departure*