



## Program FMS Annual meeting, Zwolse Theaters – Zwolle – Friday October 19, 2018

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 **Wojtek Danowski** – Feringa group

'Motorized MOF: unidirectional rotary motion in a Metal Organic Framework'

10:25-10:45 **Lia Fernandez Regueiro** – Huck group

'A modular approach to positive feedback loops in enzymatic reaction networks'

10:45-11:05 **Mathijs Mabesoone** – Meijer group

'Competition in supramolecular polymerizations'

11:05-11:25 Focal project **Gerard Roelfes and Anja Palmans**

'A hybrid metabolic system'

11:25-11:45 Coffee break

### 11:45-12:30 Keynote Chris Hunter 'Chemical Information Processing'

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

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

14:00-14:20 **Bas Rosier** – de Greef group

'DNA-mediated activation of caspase-9: building a synthetic apoptosome'

14:20-14:40 **Clemens Mayer** – Roelfes group

'Design and directed evolution of a hydrazine-forming enzyme featuring an unnatural catalytic aniline residue'

14:40-15:00 **Shauni Keller** – Wilson group

'Microfluidic design of soft micromotors'

15:00-15:20 **Tjalling Canrinus** – Browne group

'Shedding light on gelation'

15:20-15:35 **Britta Helwig** – Huck group

'Bottom-up construction of an adaptive enzymatic reaction network'

**Eva Magdalena Estirado** – Brunsveld group

'Hybrid DNA-discotic supramolecular scaffolds'

15:35-16:00 Coffee break

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

16:00-16:20 **Paula de Almeida** – Kouwer group

'Cytoskeletal Stiffening in Synthetic Hydrogels'

16:20-16:40 **Jingxin Shao** – van Hest group

'Biomimetic Janus polymeric motors for biomedical applications'

16:40-17:00 **Guille Monreal Santiago** – Otto group

'Cofactor recruitment and protometabolism in synthetic self-replicators'

17:00-17:20 **Mengmeng Li** – Janssen group

'Impact of polymorphism of a low bandgap semiconducting polymer on the optoelectronic properties in solution and thin films'

17:20-17:35 **Henrieke Heideman** – Feringa group

'Surface patterning of naphthalenediimides with long alkyl chains on HOPG'

**Jelle Toebes** – Wilson group

'Enzyme driven supramolecular nanomotors from polymeric vesicles'

**Alex Mason** – van Hest group

'Polymer-stabilized coacervate microdroplets as multicompartmentalized artificial cells'

17:35-17:45 Meeting closure

**17:45-19:00 Drinks and poster session**

**19:00-20:30 Walking dinner**

20:30 End

