



Program FMS Annual meeting, Zwolse Theaters – Zwolle

Friday November 29, 2019

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 **Jim Ottele** – Otto group

'Dynamic (auto)catalytic networks: steps towards de-novo life'

10:25-10:45 **Wen Chen** – Kouwer group

'Magnetic stiffening in biomimetic hydrogels'

10:45-11:05 **Patricia Marin** – Sijbesma group

'Polymerizable liquid crystal based nanoporous membranes for water filtration'

11:05-11:25 **Sven van Vliet** - Feringa group

'Towards visible light-driven hydrazone-based molecular motors'

11:25-11:45 Coffee break

11:45-12:30 Keynote

Nicolas Giuseppone, Université de Strasbourg

'Control over supramolecular dynamics in stimuli responsive materials'

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

14:00-15:35 Session 2

14:00-14:20 **Anne-Déborah Nguindjel** – Korevaar group

'Building hydrogel beads with quorum sensing-like properties'

14:20-14:40 **Roderick Tas** – Voets group

'Resolving antifreeze proteins at the ice-water interface'

14:40-15:00 **Kirill Kulish** – Harutyunyan group

'Lewis acid mediated autocatalysis by design'

15:00-15:20 **Pieter Gilissen** – Nolte group

'The quest for data storage on polymers: towards a light-controlled processive catalyst that writes information'

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

Fabian Eisenreich – Meijer and Palmans group

'How to perform photoredox catalysis in water?'

Linda Eijsink – Browne group

'Watching paint dry'

Tom van der Pol – Janssen group

'Morphology-induced mobility influencing non-fullerene acceptor based solar cell performance'

15:35-16:00 *Coffee break*

16:00-17:35 Session 3

16:00-16:20 **Bastiaan Buddingh** – Van Hest group

'Giant unilamellar vesicles as signaling hubs that control protein recruitment and activation'

16:20-16:40 **Reinder de Vries** - Roelfes group

'Biorthogonal chemical modification of peptides and proteins by copper catalysis'

16:40-17:00 **Jeroen van de Wiel** – Huck group

'Chemical information processing; towards enzymatic computing'

17:00-17:20 **Eva Magdalena** – Brunsveld group

'Hybrid DNA-supramolecular polymers as programmable nanoarchitectures'

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

Glenn Cremers – De Greef group

'Multivalent antibody binding to cells'

Motilal Mathesh - Wilson group

'Photosynthesis drives motion at nanoscale'

Joyce Brouns - Dankers group

'Dynamic reciprocity in supramolecular biomaterials: towards feed-back controlled, autonomous and responsive biomaterials'

17:35-17:45 *Meeting closure*

17:45-19:00 Drinks and poster session

19:00-20:30 Walking dinner

20:30 End

