



FMS Annual Meeting

16 November 2014
NH Conference Center Koningshof
Locht 117, 5504 RM Veldhoven, The Netherlands

Meeting Website: <http://fmsresearch.nl/fms-annual-meeting-2014/>

Travel and directions to the venue:

Buses 15 (direction Veldhoven Koningshof) and 150 (direction Reusel via Eersel Dorp) depart from Eindhoven central station to the NH Conference Center Koningshof (bus stop Koningshof Veldhoven). On Sunday buses leave approximately every 30 minutes.
(Go to 9292.nl/en to check the exact schedule)

General schedule:

- 12:00 - 13:00 Registration and lunch
- 13:00 - 13:15 Opening
- 13:15 - 14:25 Program 1: *Adaptive nanosystems*
- 14:25 - 14:45 Coffee break
- 14:45 - 16:10 Program 2: *Bio-inspired molecular systems*
- 16:10 - 16:40 Coffee break
- 16:40 - 18:00 Program 3: *Nanoscopically structured functional materials*
- 18:00 - 18:45 Program 4: *Out-of-equilibrium systems*
- 19:00 - 20:30 Dinner
- 20:30 - 23:00 Poster session and drinks

Oral presentations (**Room: Tuinzaal**)

Each of the sessions of the program will be dedicated to one of the FMS research programs and will consist of the following oral presentations:

- Introduction by program chair (2 min)
- 10 min presentations by PhD students or postdocs (+5 min discussion)
- 5 min presentations by junior faculty (assistant professors) (+ 5 min discussion)

(See detailed program below)

Poster Session (**Room: 115/116**)

All PhD students and postdocs are invited to present a poster during the poster session after the dinner. Poster boards will be available.

12:00 - 13:00	Registration and Lunch
13:00 - 13:15	Opening
13:15 - 14:25 Program 1 <i>Adaptive Nanosystems</i> Chair: Prof. Alan Rowan (1h 10min)	13:20 Daniela Wilson (Assistant professor, RU) <i>'Supramolecular assemblies for controlled movement and release'</i>
	13:30 Sander Wezenberg (Veni laureate, RUG) <i>'Multi-Stage Regulation of Substrate Binding Affinity'</i>
	13:40 Daan van der Zwaag (PhD student, Meijer Group, TU/e) <i>'Probing dynamics in supramolecular polymers'</i>
	13:55 Masoumeh Keshavarz (PhD student, Rowan Group, RU) <i>'Nano-scale study of polymer dynamics in nonlinear media'</i>
	14:10 Shaji Varghese (Postdoc, Nolte Group, RU) <i>'Design and construction of a Molecular Turing machine'</i>
14:25 - 14:45	Coffee break
14:45 - 16:10 Program 2 <i>Bio-inspired molecular systems</i> Chair: Prof. Luc Brunsveld (1h 25min)	14:50 Anna Hirsch (Assistant professor, RUG) <i>'Structure-Based Drug Design Facilitated by Dynamic Combinatorial Chemistry'</i>
	15:00 Lech Milroy (Assistant professor, TU/e) <i>'Fluorescent self-assembled architectures targeting the cell in- and outside'</i>
	15:10 Anniek den Hamer (PhD student, Brunsveld group, TU/e) <i>'14-3-3 proteins as a platform for small molecule controlled signaling platforms'</i>
	15:25 Wim Velema (PhD student, Feringa group, RUG) <i>'Photopharmacology'</i>
	15:40 Marlies Nijemeisland (PhD student, van Hest/Huck group, RU) <i>'Autonomous movement of nanomotors by biological substrates using compartmentalization and recycling strategies'</i>
15:55 Ana Rioz (Postdoc, Roelfes group, RUG) <i>'DNA-based catalytic cyclopropanation in water'</i>	

16:10 - 16:40	Coffee break
16:40 - 18:00 Program 3 <i>Nanoscopically structured functional materials</i> <i>Chair: Prof. Rint Sijbesma</i> <i>(1h 20min)</i>	16:45 Ilja Voets (Assistant professor, TU/e) <i>'A small angle view on supramolecular soft matter'</i>
	16:55 Patricia Dankers (Assistant professor, TU/e) <i>'Supramolecular Solutions for Regenerative Medicine'</i>
	17:05 Paul Kouwer (Assistant professor, RU) <i>'How to make a mechanically ultrasensitive hydrogels.'</i>
	17:15 Anika Nagelkerke (Postdoc, Rowan group, RU) <i>'Polyisocyanopeptide hydrogels as synthetic extracellular matrix'</i>
	17:30 Serkan Esiner (PhD student, Janssen group, TU/e) <i>'Photoelectrochemical Water Splitting with Triple Junction Polymer Solar Cells'</i>
	17:45 Jody Lugger (PhD student, Sijbesma group, TU/e) <i>'Nanostructured films based on supramolecular liquid crystals'</i>
18:00 - 18:45 Program 4 <i>Out-of-equilibrium systems</i> <i>Chair: Prof. Wilhelm Huck</i> <i>(45min)</i>	18:05 Tom de Greef (Assistant professor, TU/e) <i>'Out-of-equilibrium chemical systems: from one-dimensional aggregation to programmable chemical reaction networks'</i>
	18:15 Albert Wong (PhD student, Huck group, RU) <i>'Rational design of functional and tunable oscillating enzymatic networks'</i>
	18:30 Jan Sadownik (Postdoc, Otto group, RUG) <i>'Replicator Speciation in a Dynamic Combinatorial Library'</i>
19:00 - 20:30	Dinner
20:30 - 23:00	Poster session and Drinks