

Programme HRSMC Symposium

10 November 2023, Scheltema Leiden

- 08:15 Coffee/ tea & registration
08:55 Opening by Scientific Director – Prof. dr. W.J. Buma
09:10 Prof. dr. N.H. (Nathalie) Katsonis (University of Groningen)
"On the Possible Origin of Lipids and Protocells in the Early Ocean"
- Session 1: HRSMC theme 1: 'Synthesis, Characterisation, Reactivity and Properties of Molecules'**
Chair: Dr. S. (Sonja) Pullen
- 10:00 Prof. dr. ing. T. (Timothy) Noël (University of Amsterdam)
"RoboChem – The Chemical Robots are Coming"
10:30 Coffee/ tea & Postersession 1
11:20 Zhiyuan He (University of Amsterdam)
"Iron-catalyzed Asymmetric Intramolecular Nitrene Transfer Reactions"
11:40 Marvin A. Albers (VU Amsterdam)
"Environment-Responsive Peptide Dimers Bind and Stabilize Double-Stranded RNA"
- Session 2: HRSMC theme 2: 'Physical Chemistry and Spectroscopy'**
Chair: Dr. F. (Freek) Ariese
- 12:00 Prof.dr. L.J.C. (Lars) Jeuken (Leiden University)
"Rational Design of Nanoparticle Biohybrids for Compartmentalised Photocatalysis"
12:30 Lunch - Postersession 2 starts at 13:00
13:45 Robert Smit (Leiden University)
"Line-Narrowing Spectroscopy of Single Molecules on a Hexagonal Boron-Nitride Surface"
14:05 Robert W. Schmidt (VU Amsterdam / University of Amsterdam)
"Raman Diffusion Ordered Spectroscopy"
- Session 3: HRSMC theme 3: 'Theoretical Chemistry'**
Chair: Dr. M.F. (Mark) Somers
- 14:25 Dr. T.A. (Trevor) Hamlin (VU Amsterdam)
"Tempting Tropone in Cycloadditions"
14:55 Coffee/ tea & Postersession 3
15:45 Voting for best poster in session 1, 2 and 3 **PLEASE REMOVE POSTERS AFTER SESSION**
15:50 Robert A.B. van Bree (Leiden University)
"Accurate but Efficient Calculations on a Tough Dissociative Chemisorption Reaction"
- 16:10 **Dick Stufkens Prijs Award Ceremony**
Introduction by chair of the jury (Prof. dr. E.J. Baerends)
16:20 Lecture Winner Dick Stufkens Prijs 2023: Arno Förster
"Vertex Corrected GW-Bethe-Salpeter-Equation Calculations for Spectroscopy"
16:50 Poster Prize and Closure
17:00 Reception
18:00 End of symposium and Scientific staff meeting (Expo 2)
19:00 Staff dinner at Scheltema