

Program 59th NMR-DG meeting

Friday, November 8, 2024

Location: University of Twente, TechMed Centre, <https://www.utwente.nl/en/techmed/>

Route description: <https://www.utwente.nl/en/techmed/downloads/routing-techmed-centre.pdf>

Information via this <https://sac.kncv.nl/nmr/annual-meeting>

Host: Ricardo Martinho (University of Twente)

Organising committee: Ricardo Martinho (University of Twente), Evan Wenbo Zhao (Radboud University), Terenzi Camilla (Wageningen University), Patrick van der Wel (University of Groningen), Rolf Boelens (Utrecht University), John van Duynhoven (Unilever)

Local Organisers: Ricardo Martinho, Wyger Brink, Jos Paulusse, Bianca Ruel

- 09.30 Reception with coffee
- 10.00 Welcome to TechMed Centre, University Twente
- 10.15 Prof Daniel Topgaard (University of Lund) Diffusion MRI of porous media using methods borrowed from NMR relaxation dispersion and isotropic-anisotropic correlation
- 10.45 Ege Hosgor (University of Twente) Using NMR Spectroscopy for Assessing the Recovery of Polyols and Diisocyanates in Chemical Recycling of Polyurethane Foam
- 11.05 Pushpa Rampratap (University of Groningen) CD44-Mediated Structural Dynamics and Degradation Kinetics of High Molecular Weight Hyaluronic Acid Hydrogels by Multidimensional Solid-State NMR
- 11.25 Andrea Orsetti (Utrecht University) Unraveling the structural dynamics of the pioneer transcription factor Sox2
- 11.45 Nick Hol (Eindhoven University of Technology) Development of NMR methods for the study of marine sediments
- 12.05-13.50 Poster session and lunch buffet
- 13.50 Prof Monika Schönhoff (University of Münster) Electrophoretic NMR in battery electrolytes – watching ions speeding
- 14.20 Ruipeng Luo (Radboud University) Probing the Li-N-H solid-electrolyte interface using solid-state NMR
- 14.40 Sam Kuijpers (Wageningen University and Research) MRI methods for quantifying multiscale anisotropy in structured food protein matrices
- 15.00 Coffee break
- 15.20 Sofia Moco (VU Amsterdam) Studying dynamics of metabolism by NMR
- 15.40 Elwin van der Crujisen (DSM-Firmenich) Enzyme kinetics by real-time Benchtop NMR spectroscopy using progress curve analysis
- 16.00 *Gorter PhD prize winner*
- 16.20-16.30 **Closure**
- 16.30-17.45 Drinks