

Program 58th NMR-DG meeting

Friday, November 10, 2023

Location: Pivot Park, Panorama Room (building RK-k / Chesbrough, level 3), Kloosterstraat 9, 5349 AB Oss
Link with map and route description: [general information of Pivot Park](#)

Organisers: Luc Alders (Eurofins), Hugo van Ingen (Utrecht University), Anne Wentink (Leiden University), Evan Wenbo Zhao (Radboud University), Terenzi Camilla (Wageningen University), Chloe Najac (LUMC), Patrick van der Wel (University of Groningen), Rolf Boelens (Utrecht University), John van Duynhoven (Wageningen University/Unilever)

Host: Luc Alders (Eurofins)

- 09.30 Reception with coffee
- 10.00 *Frederic Girard*, Eurofins. Welcome to Pivot Park Oss
- 10.15 *Martin Jäger*, Niederrhein University of Applied Sciences, Krefeld. NMR in pharma - once a unicorn, today's workhorse
- 10.45 *Vincent Boerkamp*, Wageningen University. Quantitative assessment of lipid oxidation kinetics in foods
- 11.05 *Akshay Kumar*, Radboud University, Nijmegen. Development of Hyperpolarized and ¹H Fast MAS NMR Spectroscopy for the study of performance polymers
- 11.25 *Giulia Allegri*, University of Twente. Unveiling the Composition of Polyelectrolyte Complexes: A characterization study
- 11.45 *Rico Singer*, Leiden University and University of Leipzig. Exploring the potential of ultrahigh magnetic field (1.2GHz) in Diffusion MRI to resolve white matter tracts in zebrafish brain
- 12.05 Pitches (poster presenters or vendors)
- 12.15-14.00 Poster session and lunch buffet
- 14.00 *Frans A.A. Mulder*, Johannes Kepler University, Linz. Cause and consequence of RF heating in NMR experiments
- 14.20 *Maik Derks*, Utrecht University. Plectasin kills bacteria by a Ca²⁺-sensitive supramolecular mechanism
- 14.40 *Greeshma Jain*, University of Groningen. SSNMR probing inhibitor-induced changes in fibril morphology for the Huntington disease protein
- 15.00 Coffee break
- 15.20 *Cristina López Gallego*, Leiden University. The fight against entropy: Dynamics reduction in enzymes
- 15.40 *Silvia Gosiewska*, DSM-Firmenich Delft. The power of qNMR insights for fermentative dairy production and probiotics
- 16.00-16.15 **Closure**
- 16.15-17.45 Drinks