

Program 55th NMR-DG meeting

Friday, November 6, 2020

Location: Zoom webinar

Organizers: Kristina Djanashvili (TU Delft), John van Duynhoven (Unilever & WUR), Ernst van Eck (Radboud Nijmegen), Pieter Magusin (Cambridge University), Jeanine Prompers (UMCU), Rolf Boelens (UU)

Program (keynotes 20+5, short talks 10+2)

- 14.00 Marnix Wagemaker, TU Delft, Diffusion of Li-ions in solid state batteries
- 14.25 Frans Mulder, Aarhus University, A New NMR Technique to Measure Very Fast Hydrogen Exchange Rates in Proteins: Are High Protection Factors for Alpha-Synuclein a Sign of Structuration?
- 14.50 Break
- 15.00 Raquel Serial, WUR, Confined flow of stirred yoghurt: thixotropy and cooperativity effects studied by rheo-MRI.
- 15.12 Shrestha Banerjee, Radboud University, Solid-state NMR studies of photochromic yttrium oxyhydrides.
- 15.24 Mustapha El Hariri El Nokab, RUG, Solid-state NMR spectroscopy a valuable technique for identifying water phases in alginate hydrogels with potential drug delivery applications.
- 15.36 Rubin Dasgupta, Leiden University, Chemical exchange at the tri-nuclear copper centre of small laccase from *Streptomyces coelicolor* using paramagnetic NMR.
- 15.48 Antonella Di Savino, Leiden Institute of Chemistry, Leiden University, Dating proteins: Which dance moves make them attractive?
- 16.00 Break
- 16.10 Klaartje Houben, DSM Delft, Protein NMR at DSM: protein quality control & protein-ligand interactions.
- 16.35 Gorter Prize lecture: João Medeiros-Silva, UU, Towards the physiologically relevant state with solid state NMR
- 17.00 Closure