



# 20th edition of the Young Belgian Magnetic Resonance Scientists symposium - YBMRS 2024

## Monday, 25 November 2024

### Flash presentations of posters(FP) (15:00 - 15:10)

[id] title	presenter	board
[41] Multi-diagnostic NMR + dielectric spectroscopy unveils the unconventional properties of nanoconfined water	Dr BREYNAERT, Eric	01
[42] Opportunities for Active Site Identification and Activity Prediction of Zeolite Catalysts using MAS NMR	Dr CHANDRAN, C. Vinod	03
[19] AI-Driven Analysis of Multiparametric MRI for Evaluating Response to Targeted and Immune Therapies in Preclinical Melanoma Models	EL ASSAL, Madeline	05
[30] Monte Carlo Simulations of the T2 relaxivity induced by Cubic Shaped Superparamagnetic Nanoparticles	FRITSCHÉ, Florent	07
[23] Insights into the crystallisation behaviour of imidazolium-chloride by multinuclear NMR.	FUSARO, Luca	09
[24] The Flemish Inter-University Ultra-High Field MRI Project (IN2U)	PULLENS, Pim	11
[43] In situ crystallization studies of zeolites and MOFs using static and MAS NMR	RADHAKRISHNAN, Sambhu	13
[16] Unravelling the mysteries of black titania: A spectroscopic study on the reduction of titania with different crystal phases	VAN DEN BERGH, Lore	15
[44] High Temperature 1H DOSY NMR reveals alteration of the molecular structure of water-extractable arabinoxylans during fermentation of wheat flour for sourdough production	WECKX, Pasquinel	17