

Session Program

6-7 Nov 2025



21st edition of the Young Belgian Magnetic Resonance Scientists symposium - YBMRS 2025

Flash presentations of posters

Floreal Blankenberge
Koning Albert-I-laan 59 8370 Blankenberge

Thursday 6 November

14:30

Flash presentations of posters: Poster Session 1 - Flash presentations of posters

Poster Session | **Location:** Floreal Blankenberge, Koning Albert-I-laan 59 8370 Blankenberge

Unravelling the Role of Structure and Defects in Reduced Commercial Titania with Potential for Visible-Light Photocatalysis

Speaker

Lore Van den Bergh

Quantitative multinuclear MAS NMR spectroscopy reveals why NH₃ TPD severely underestimates dealumination of zeolites upon hydrothermal aging.

Speaker

Eric Breynaert

Examining cation dynamics in layered 2D hybrid organic-inorganic perovskites using solid-state NMR

Speaker

Ediz Garip

Computational optimization of 3D-printed flexible MRI receive coils

Speaker

Quentin Goudard

Toward reliable molar mass determination of glycolated polymer channel materials for organic electrochemical transistors

Speaker

Lize Bynens

A Quadruplex-Triplex Hybrid with a Pseudo Three-Layered Core of a Codeine Aptamer

Speaker

Lie Yoanes Maria vianney

AI-Driven Analysis of Multiparametric MRI for Evaluating Response to Targeted and Immune Therapies in Preclinical Melanoma Models

Speaker

Madeline El Assal

Insights into the crystallisation of simple organic salts using multinuclear NMR in the liquid state

Speaker

Luca Fusaro

Structural Insights into Acyl Chain-Dependent Membrane Interactions of Pseudomonas Cyclic Lipodepsipeptides

Speaker

Xinyu Qian

14:50