

Poster Number	Poster Title
1	Water dynamics and structural evolution in silicate-based porous media: from solutions to colloidal gels probed by dynamic NMR relaxometry
2	Quantifying Inter-pore Exchange in Complex Porous Media: A T2-Filtered NMR Study from Reservoir Rocks to Bioactive Glasses
3	Improving NMR Cryoporometry with Octamethylcyclotetrasiloxane
4	Designing and Shimming Halbach Array Magnets: A Historical Perspective with Modern Implications
5	Bayesian framework for inverse modeling in estimating porous media properties from Nuclear Magnetic Resonance signals
6	Exploring the preasymptotic regime in synthetic rocks coated by goethite
7	TD-NMR in Semicrystalline Polymers: Morphology and Dynamics
8	Spectral parameters of the T ₂ distribution for heterogeneity characterization and permeability estimation in carbonates by NMR
9	Development of a Rheo-NMR instrument to study dynamical material properties
10	Study of NMR T2 Relaxation Time and Electrical Resistivity Correlation by Numerical Simulations in Synthetic Porous Media Under Variable Saturation and Wettability Conditions
11	Revisiting Shim-a-Ring Magnets for Improved B0 Homogeneity
12	Ugly Cat, a computational system for Quantum Information processing based on NMR
13	Permeability Estimation in Heterogeneous Pre-Salt Carbonates: A Multicomponent Model Based on NMR T2 Distributions from Well Logs
14	Kinetic study of rehydration of C-S-H dehydrated by means of water mobility and change in the microporos
15	Understanding the role of cellulose ether in water retention and hydration process of cementitious tile adhesive using NMR analysis
16	Bicontinuous Microemulsions as Dynamic Nanostructured Media: Composition-Dependent Molecular Dynamics Probed by FFC-NMR Relaxometry
17	FFC-NMR STUDY OF WATER-PROTEIN DYNAMICS IN DAIRY PRODUCTS WITH AN INVERSION-DEDICATED TOOL
18	Study on Human Bone Samples Using Acoustography
19	Oleogel assembly and application: from a porous-media characterization to a biofertilizer technology
20	Direct Determination of Pore Size Distribution from Multi-Temperature MR Relaxation Measurements
21	Solid-state NMR study of species confined into the nanopores of porous carbon materials
22	Water Absorption and Dynamics in 11th Century Wall Paintings: Assessing Surface Treatments via NMR Profiling
23	Open-Access Web Application for Inverse Laplace Transform Processing of Time Domain NMR Signals
24	Factors Influencing Pore Structure Changes in Purple-clay (Zisha) Ceramics: A Comparative Study Using 1H NMR Relaxometry and Mercury Intrusion Porosimetry
25	Effects of Temperature-Dependent Surface Relaxivity on Variable-Temperature NMR Pore Size Measurements
26	Evaluating Magnetic Surface Relaxivity through NMR Simulations in Digital Porous Media
27	Adsorption Kinetics and isotherms by TD-NMR
28	Dipolar-Filtered Magic Sandwich Echo: A Self-Normalized Approach for NMR Cryoporometry of Mesoporous Materials
29	Fabrication of Artificial Carbonate Porous Media: A Comparison between Powder Compaction and Additive Manufacturing
30	Study of Local Environments in Crystalline and Glassy Framework Materials by Solid-State NMR
31	Two-Photon Confocal Microscopy for Simultaneous Three-Dimensional Characterization of Pore Architecture and the Spatial Distribution of Aromatic Molecules in Sedimentary Porous Rocks
32	Computational toolkit for simulating the Nuclear Magnetic Resonance response of porous media
33	Monitoring Water Populations During White Cement Hydration Using NMR Relaxometry and Dipolar NMR
34	Acoustic Techniques for Porosity Analysis in Petroleum Reservoir Sandstones
35	An NMR Platform for Quantum Computing
36	NMR and High-Resolution imaging on the MOGNO Beamline for dynamic system analysis on Porous Media
37	Deep Learning Analysis of T1-Weighted MRI for Characterizing Vertebral Fragility
38	Magnetic Resonance Pore Imaging using Simple Echo Pulse Sequences
39	Darcian and non-Darcian gas permeametry as a transport-based probe of carbonation in cement-based porous media
40	Electromagnetic Design and Optimization of a Quadrature RF Probe for Single-Sided NMR at 13 MHz
41	Water mobility during gypsum hydration and drying: Relationships with hydration kinetics and mechanical strength assessed by low-field NMR

Poster stand dimensions: Height 2.11 m × Width 0.98 m

Mounting: Each stand is equipped with a hook for hanging the poster.

All posters must be presented for evaluation and appreciation from October 26 through October 29.

Poster Evaluation Schedule

- *Odd numbered posters: Evaluation on October 27*
- *Even numbered posters: Evaluation on October 28*