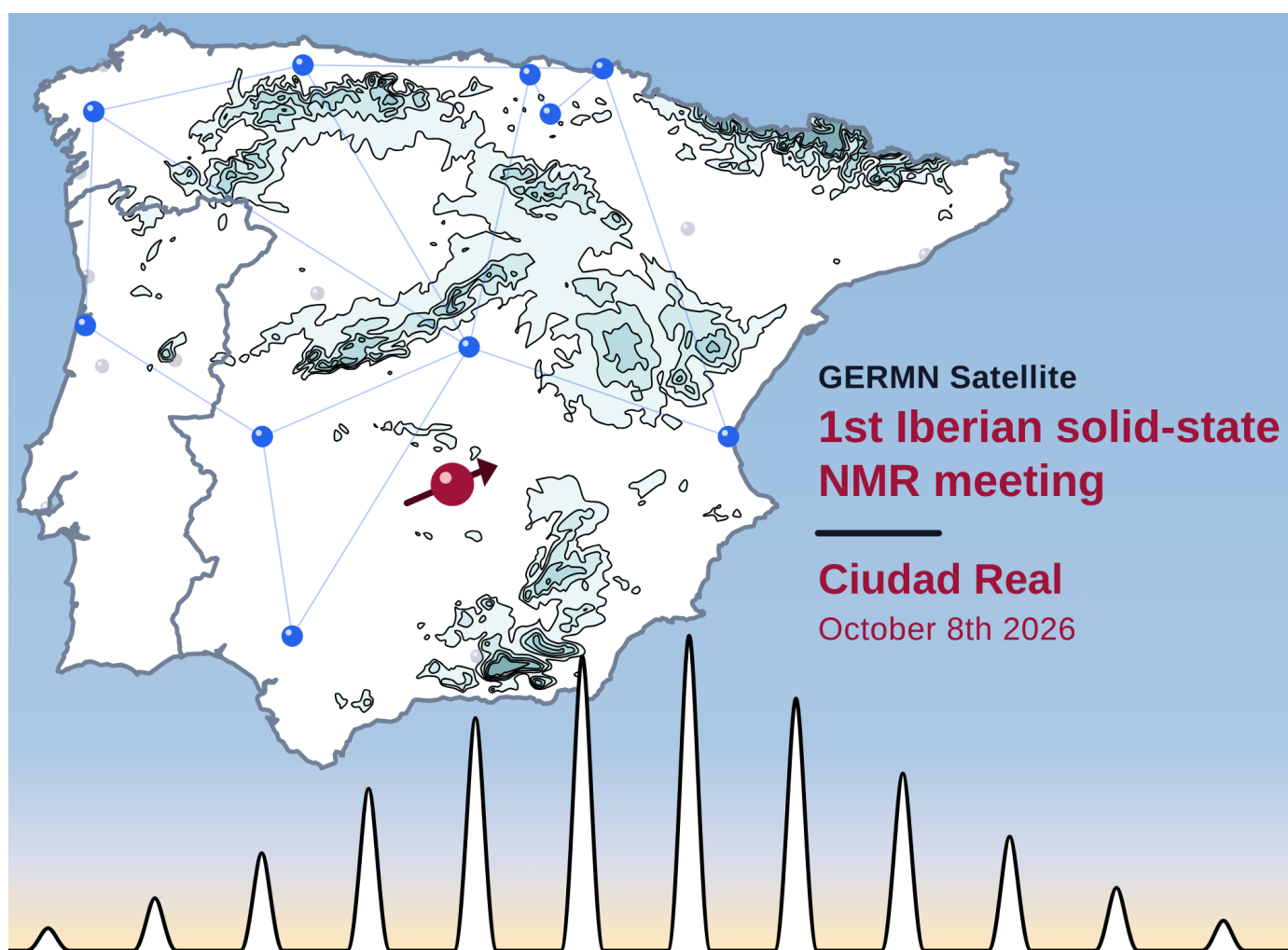




Final Program

1st Iberian Solid-State NMR Meeting · GERMN Satellite · October 8th 2026

Venue: Facultad de Ciencias y Tecnologías Químicas · Universidad de Castilla-La Mancha · Ciudad Real · Spain

Introduction

The **1st Iberian Solid-State Nuclear Magnetic Resonance (ssNMR) Meeting** aims to bring the Iberian ssNMR community together to motivate the establishment of an Iberian ssNMR network that can support ssNMR-related activities in Spain and Portugal. The meeting will be composed of short presentations to introduce participants' research, methods, teams, and instrumentation, with dedicated networking during the breaks.

We look forward to welcoming you in October!

The organizing team: Tiago Mendes Ferreira, Mariana Sardo, Manuel Martin Pastor, Paula Sanz, Ildefonso Marin-Montesinos, Luís Mafra and Miguel Mompeán.

SESSION 1

09:00–10:35

09:00 Welcome and opening remarks

Time	Speaker	Topic	Institution
09:05	Heike Knicker <i>Exploring biochar properties through relaxation dynamics in solid-state CPMAS ^{13}C NMR spectroscopy</i>	Soil biochemistry	IG-CSIC, Seville
09:20	Juan Carlos Muñoz Garcia <i>Solid-state NMR toolkit for the structural and dynamics characterization of gels</i>	MOF gels	IIQ-CSIC, Seville
09:35	Manuel Martin Pastor <i>Solid-state NMR methodology to explore biopolymers</i>	Biopolymers	University of Santiago de Compostela
09:50	Tiago Mendes Ferreira <i>Towards complex biological membranes with ssNMR and MD simulations</i>	Biomembranes	CiQUS, Santiago de Compostela
10:05	Ildefonso Marin-Montesinos <i>Exploring lipid membrane biophysics and MAS-DNP methodology at the CICECO-Aveiro Institute of Materials</i>	Protein–lipid, DNP	University of Aveiro
10:20	Miguel Mompeán <i>Expanding the reach of biosolids NMR with CPMAS CryoProbe sensitivity</i>	Proteins, cryogenic ssNMR, LMR	IQF-CSIC, Madrid

Coffee break · 10:35–11:00

SESSION 2

11:00–12:15

Time	Speaker	Topic	Institution
11:00	Juan M. Lopez del Amo <i>Solid-state and operando NMR for batteries and supercapacitors: probing materials, interfaces and ion dynamics</i>	Batteries	CIC energiGUNE, Vitoria
11:15	Isabel Sobrados <i>40 years characterizing materials by solid-state NMR at the CSIC</i>	Materials	ICMM-CSIC, Madrid
11:30	Paula Sanz <i>Solid-state NMR at CIIAE: facilities, battery materials research, and ongoing projects</i>	Materials for energy	CIIAE, Cáceres
11:45	Luís Mafra <i>SPECKO research capabilities</i>	CO ₂ capture, catalysis, pharma	University of Aveiro
12:00	Virginia Diez Gómez <i>NMR facility at ICMM-CSIC</i>	NMR crystallography	ICMM-CSIC, Madrid

Short break · 12:15–12:30

SESSION 3

12:30–13:50

Time	Speaker	Topic	Institution
12:30	Carlos Bornes <i>Escaping the static picture in materials discovery and NMR prediction with machine learning</i>	Zeolites, porous materials	Charles University, Prague
12:45	Daniel Jardon Alvarez <i>NMR of inorganic materials in the presence of paramagnetic centers: from shifts and relaxation to DNP</i>	Paramagnetic systems, DNP	CIC bioGUNE, Bilbao
13:00	José P. Carvalho <i>Pulse sequence engineering using single-spin vector effective Hamiltonians</i>	Method development, DNP	University of Aarhus
13:15	Daniel Pereira <i>NMR hardware developments at ETH Zürich: from printed turbines to HTS magnets</i>	NMR hardware development	ETH Zurich
13:30	Mariana Sardo & USC <i>Iberian ssNMR: shared funding opportunities</i>	Interreg funding possibilities	
13:50	Closing remarks and transition to lunch		

Lunch and networking · 14:00–16:00

Conversations, collaborations and next steps for an Iberian solid-state NMR network.

Registration and contact Register through GERMN 2026 or independently; for satellite-only attendance, contact manuel.martin@usc.es.