

2nd circular



<http://rmni.iqfr.csic.es/congresos/rmnjaca19/>

Key dates

Extended pre-registration deadline: April 12th, 2019

Start of registration: April 24th, 2019

End of registration: May 17th, 2019

Announcement

The Specialised Group of NMR of the Spanish Royal Society of Chemistry (GERMN, RSEQ) is pleased to announce the XIII "Manuel Rico" NMR School.

This well-established bi-annual summer course is aimed at PhD students, postdocs, technical staff of NMR facilities and, in general, to researchers from academy and industry interested in deepening their understanding of NMR. The course covers theoretical aspects, state-of-the-art methods and applications in fields as diverse as Molecular Chemistry, Materials, Biology, Medicine, and Pharmaceutical Industry, including solution-, and solid-state NMR techniques, as well as MRI and EPR techniques.

A hike to the Ordesa National Park at the Pyrenees will take place on Wed June 19th.

Coordination:

M. Ángeles Jiménez & Douglas V. Laurents

Venue and accommodation:

The course will be held at the University Residence of Jaca (www.unizar.es/resijaca/), where double-shared rooms have been booked in advance for the course attendees.

Fees:*

| | |
|----------------|-------|
| GERMN members: | 425 € |
| RSEQ members: | 475 € |
| Others: | 500 € |

* All those who would like to apply financial aid for the registration fee and travel may do so at pre-registration. After pre-registration, no aid will be available.

Once the pre-registration period is over, applicants will be informed about their acceptance to the NMR school, and financial aid. The registration and fee payment procedures will also be communicated.

Contact

rmnjaca2019@iqfr.csic.es

Preliminary program: XIII "Manuel Rico" NMR School, Jaca, Huesca, Spain, June 16th-21st 2019

| | Monday 17 | Tuesday 18 | Wed 19 | Thursday 20 | Friday 21 |
|--------------------|---|---|---------------|--|--|
| 9.00-10.00 | NMR historical perspective <i>Fernando López Ortiz</i> <i>Almería, Spain</i> | 2D heteronuclear chemical shift correlation experiments <i>Isabel Merino</i> <i>Oviedo, Spain</i> | Ordesa hike | Solid state NMR <i>Birgit Habenstein</i> <i>Bordeaux, France</i> | Protein structure & Protein ligand interactions <i>Irene Díaz-Moreno</i> <i>Seville, Spain</i> |
| 10.00-11.00 | Product operator formalism <i>Sergio Gil</i> <i>Girona, Spain</i> | Nuclear Overhauser effect <i>Miquel Pons</i> <i>Barcelona, Spain</i> | | Pure shift NMR <i>Laura Castañar</i> <i>Manchester, UK</i> | NMR applications to disordered proteins <i>Douglas Laurents</i> <i>Madrid, Spain</i> |
| 11.00-11.30 | | | | | |
| 11.30-12.30 | Phase cycle and gradients <i>Oscar Millet</i> <i>Bilbao, Spain</i> | Relaxation <i>Guillaume Bouvignie</i> <i>Paris, France</i> | | NMR and the periodic table <i>Fernando López Ortiz</i> <i>Almería, Spain</i> | NMR in the pharmaceutical industry <i>Laura Iturrino</i> <i>Jansen, Toledo, Spain</i> |
| 12.30-13.30 | 2D homonuclear NMR spectroscopy <i>M Angeles Jiménez</i> <i>Madrid, Spain</i> | Polarisation transfer <i>G. Bodenhausen</i> <i>Paris, France</i> | | Examples of recent advances for NMR applications with state-of-the-art hardware <i>Aitor Moreno, Bruker</i> | Concluding remarks |
| 13.30-15.00 | | | | | |
| 15.00-16.00 | Understanding the NMR spectrometer <i>Tammo Diercks</i> <i>Bilbao, Spain</i> | Magnetic resonance imaging <i>M. Luisa García-Martín</i> <i>Málaga, Spain</i> | | NMR of paramagnetic molecules <i>Ricardo Louro</i> <i>Lisbon, Portugal</i> | |
| 16.00-17.00 | Practical aspects <i>Martina Palomino</i> <i>Valencia, Spain</i> | NMR exchange <i>Ignacio Alfonso</i> <i>Barcelona, Spain</i> | | EPR <i>Valerie Belle</i> <i>Marseille, France</i> | |
| 17.00-18.00 | Jeol/Magritek <i>Speaker to be confirmed</i> | Parallel tutorial sessions | | Mestrelab demo <i>Speaker to be confirmed</i> | |