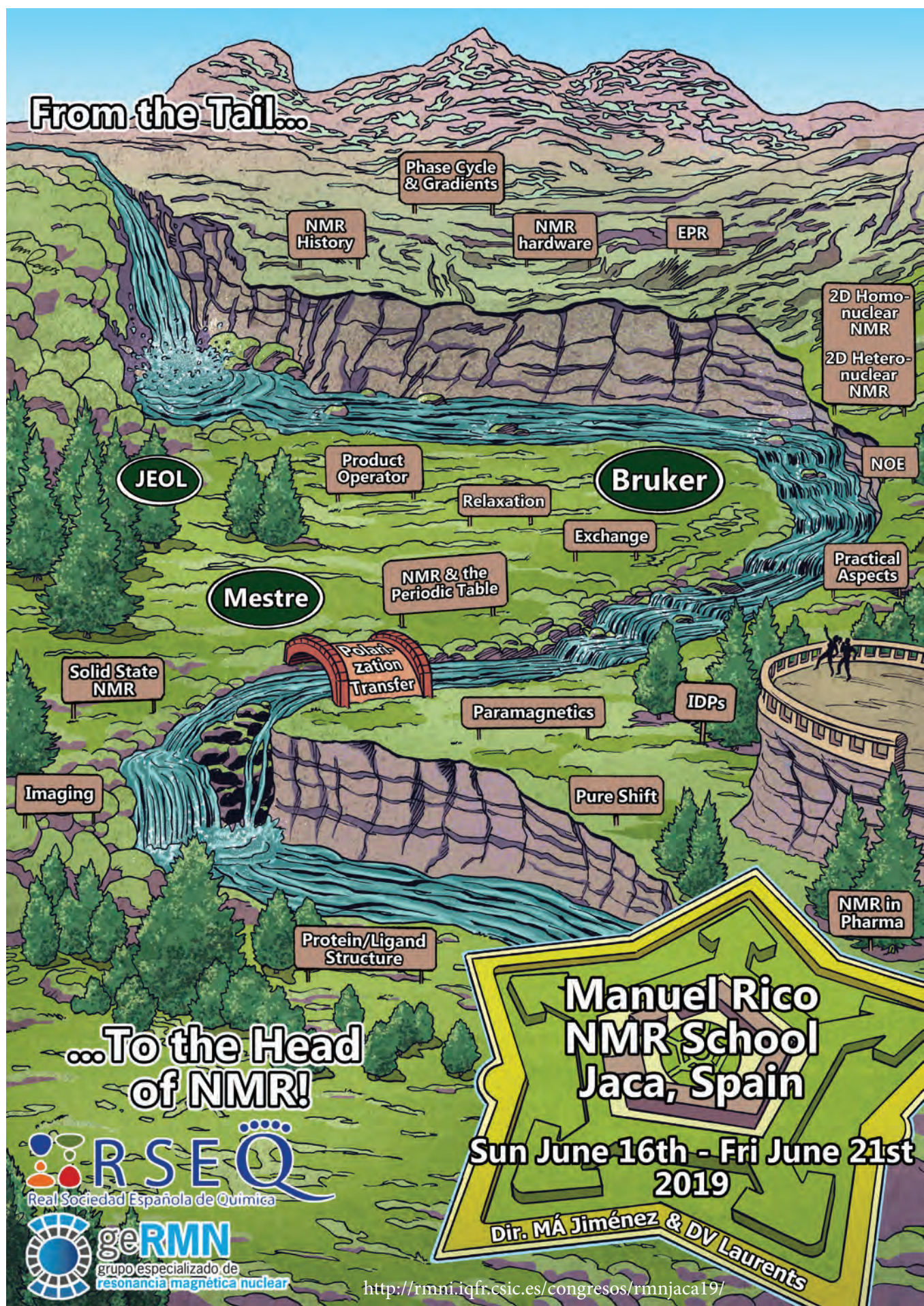


From the Tail...



Phase Cycle & Gradients

NMR History

NMR hardware

EPR

2D Homo-nuclear NMR
2D Hetero-nuclear NMR

JEOL

Product Operator

Bruker

NOE

Relaxation

Exchange

Practical Aspects

Mestre

NMR & the Periodic Table

Polarization Transfer

Solid State NMR

Paramagnetics

IDPs

Imaging

Pure Shift

NMR in Pharma

Protein/Ligand Structure

...To the Head of NMR!

Manuel Rico NMR School
Jaca, Spain

Sun June 16th - Fri June 21st
2019

Dir. M^A Jiménez & DV Laurents



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

XIII "Manuel Rico" NMR School

Jaca, Huesca, Spain, June 16th-21st, 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.

Further information is available via Internet:

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

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 €

* Fee reduction & travel grants can be applied for at pre-registration.

Coordination:

M. Ángeles Jiménez

Douglas V. Laurents

Contact

rmnjaca2019@iqfr.csic.es

Key dates

Pre-registration deadline: March 31st, 2019

Start of registration: April 30th, 2019

End of registration: May 17th, 2019

Program

- NMR historical perspective
Fernando López Ortiz, Almería, Spain
- Product operator formalism
Sergio Gil, Girona, Spain
- Phase cycle and gradients,
Óscar Millet, Bilbao, Spain
- 2D homonuclear correlation NMR,
M. Ángeles Jiménez, Madrid, Spain
- 2D heteronuclear correlation NMR
Isabel Merino, Oviedo, Spain
- Nuclear Overhauser effect
Miquel Pons, Barcelona, Spain
- Relaxation
Guillaume Bouvignie, Paris, France
- Polarisation transfer
Geoffrey Bodenhausen, Paris, France
- NMR chemical exchange
Ignacio Alfonso, Barcelona, Spain
- Pure shift
Laura Castañar, Manchester, UK
- Understanding the NMR spectrometer
Tammo Diercks, Bilbao, Spain
- NMR practical aspects
Martina Palomino, Valencia, Spain
- NMR of paramagnetic molecules
Ricardo Louro, Lisbon, Portugal
- NMR & the periodic table
Fernando López Ortiz, Almería, Spain
- Protein structure & interactions
Irene Díaz Moreno, Seville, Spain
- NMR applications to disordered proteins
Douglas Laurents, Madrid, Spain
- NMR in the pharmaceutical industry
Laura Iturrino, Jansen, Toledo, Spain
- Magnetic resonance imaging
M. Luisa García-Martín, Málaga, Spain
- Solid state NMR
*Brigit Habenstein, Bordeaux, France***
- EPR
*Valerie Belle, Marseille, France***
- New technologies in NMR
Bruker
- Title/Demo to be confirmed
*Mestrelab***
- Title/Demo to be confirmed
Jeol/Magritek

**Confirmed tentatively