

IV Reunión Bienal del GERMN - I Reunión Ibérica de RMN



Sevilla, September 21-24 2008



Third Circular

Contact

<http://bienalgermn08.iiq.csic.es>
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Program Overview.

21 st Sunday	17:00-20:30 20:30	Registration Welcome Reception
22 nd Monday	8:45 – 9:15 9:15 – 10:45 10:45 – 11:15 11:15 – 13:30 13:30 – 15:00 15:00 – 16:00 16:00 – 18:00 18:00 – 18:30 18:30 – 19:30 19:45	Opening I Session Coffee II Session Lunch Poster presentations III Session Coffee Parallel Discusión Panels Visit to CITIUS (Central Facilities)
23 rd Tuesday	9:00 – 11:00 11:00 – 11:30 11:30 – 13:30 13:30 – 15:00 15:00 -16:00 16:00 – 17:30 17:30 – 18:00 18:00 – 19:30 19:30 – 20:30 21:00	IV Session Coffee V Session Lunch Poster Presentations VI Session Coffee VII Session GERMN Meeting (Junta General) Visit to Reales Alcázares, Cocktail
24 th Wednesday	9:00 – 11:15 11:15 – 11:45 11:45 – 13:15 13:15- 13:45 13:45 – 15:00	VIII Session Coffee IX Session Closing Lunch

General Information

Meeting site

Lectures and Oral Communications will take place in the Auditorium "Salón de Actos" at the 1st floor in:

"Escuela Técnica Superior de Ingeniería Informática"
Avda. Reina Mercedes s/n, 41012-Sevilla
<http://www.informatica.us.es/situacion.php>



Exhibition will take place at the entrance hall at the main floor of the "Escuela Técnica Superior de Ingeniería Informática"

There will be a special symposium arranged by MESTREC in the Chemistry Faculty the afternoon of the 24th. More details and updated information will be displayed at the Meeting Web page.

The Organization and the Meeting Agency will have a **Help Desk** in the site along the Meeting

Wifi internet connection will be provided by the Sevilla University Internet Network. Connection details will be given on the spot.

Sunday Registration and Welcome Site



Registration and Welcome Reception will take place at the Rectorado de la Universidad de Sevilla (Former Tobacco Factory), C/ San Fernando, 4 ;41004-Sevilla

Presentation Media

For those of you giving oral presentations please send a short CV as soon as possible. Normal PowerPoint system using PC is preferred. If you require other systems and have not already informed us, please do so as soon as possible.

Posters are 90 cm wide and 100 cm high.

Lunch

Lunch is included and will be at the University Self-Service close to the Lecture Hall. Those with special food requirements, please contact us in advance at bialgermn08@iiq.csic.es.

Public Transport

Buses: (<http://www.tussam.es>)

Meeting site:

Line 06. Ciudad Sanitaria - San Lázaro.



Line 34. Los Bermejales - Puerta Jerez.



Line 02. Barqueta - Heliópolis.



Rectorado (Registration site):

Lines: 1 22 25 26 30 31 33 34 5 C1 C2 C3 C4

Scientific Program

The Scientific Program includes:

- Oral presentations
 - 3 *Plenary Lectures* (PL) of 45 minutes
 - 20 *Invited Lectures* (IL) of 25 minutes (+ 5 minutes for discussion)
 - 17 *Oral Communications* (OC) of 12 minutes (+ 3 minutes for discussion)
- 2 Poster Sessions
- 2 Discussion Panels

The meeting documentation will be handed over to the participants during the welcome reception on Sunday evening (September 21st), and will be further available since the next day at the meeting hall.

SUNDAY 21 SEPTEMBER

17:00	REGISTRATION
20:30	Welcome reception

MONDAY 22 SEPTEMBER

8:45	Opening Ceremony
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Session I	Chair (Miquel Pons)
9:15	PL-1 Marc Baldus <i>Studying protein function and disease by high-resolution solid-state NMR</i>
10:00	IL-1 Nico van Nuland <i>Multiplicity in ligand binding: The SH3 domains of CD2AP</i>
10:30	OC-1 Leoncio Garrido <i>In situ stray-field MRI of levitating diamagnetic samples</i>

10:45	Coffee
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Session II		<i>Chair (Marta Bruix)</i>
11:15	IL-2	F. Javier Cañada <i>Carbohydrate-Protein interactions by NMR</i>
11:45	IL-3	Irene Diaz Moreno <i>The structure of the two central domains of KSRP reveals a fragmented RNA binding surface</i>
12:15	IL-4	Victoria Gómez <i>Nanoliter NMR spectroscopy in a microfluidic CHIP</i>
12:45	OC-2	Sofia Pauleta <i>NMR Solution Structure of the Desulfovibrio gigas Orange Protein</i>
13:00	OC-3	David Pantoja Uceda <i>Pseudo 4D B-carbon edited NMR experiments for simultaneous amino acid type identification and sequential assignment of proteins</i>
13:15	OC-4	Estela M Sánchez <i>Nuclear magnetic resonance spectroscopy-based classification of high taste quality tomatoes from Almería</i>

13:30	Lunch
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15:00	Poster Session
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Session III		<i>Chair (Eurico Cabrita)</i>
16:00	IL-5	Ricardo Louro <i>Functional characterization of multiheme cytochromes by NMR</i>
16:30	IL-6	Christina Thiele <i>Structure Determination of Organic Molecules Using Residual Dipolar Couplings</i>
17:00	IL-7	Antonio H Daranas <i>Bioactive polyether metabolites from dinoflagellates</i>
17:30	OC-5	Ignacio Fernández <i>New Mixed Ligand Iron(II) Phthaloyanine Complexes as Chemical Sensors: An Excursion into Multinuclear NMR</i>
17:45	OC-6	Leonor Morgado <i>NMR structure and dynamics of a triheme cytochrome from Geobacter Sulfurreducens</i>

18:00	Coffee
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18:30	Parallel Discussion Panels NMR General Services (<i>Chair: J. Fuentes Mota</i>) Metabolomics (<i>Chair: A. Pineda-Lucena</i>)
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Visit and Reception. Central Facilities of the Seville University (CITIUS)
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TUESDAY 23 SEPTEMBER

Session IV	<i>Chair (Jesús Jiménez-Barbero)</i>	
9:00	PL-2	Malcolm Levitt <i>Nuclear Singlet States in Solution NMR</i>
9:45	IL-8	Armando Navarro <i>A general toolkit for computation of NMR properties: development and applications</i>
10:15	IL-9	Ignacio Alfonso <i>Nuclear Magnetic Resonance as a powerful tool for studying the Supramolecular Chemistry of amino acid-containing synthetic macrocycles</i>
10:45	OC-7	Tiago N Cordeiro <i>Paramagnetic relaxation-based structural characterization of HHA-H-NS interaction</i>

11:00	Coffee
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Session V	<i>Chair (Fernando López-Ortiz)</i>	
11:30	IL-10	M ^a Dolores Guillén <i>Usefulness of the ¹H nuclear magnetic resonance in the characterization of edible oils and fats and in the study of their degradation processes</i>
12:00	IL-11	Irene Gómez Pinto <i>Screening for small molecules interacting with telomerase RNA by NMR</i>
12:30	IL-12	Esteban Urriolabeitia <i>NMR in organometallic compounds: characterization of CH and CP bond activation processes on phosphorus ylides</i>
13:00	OC-8	David A MacIntyre <i>¹H-NMR metabolic profiling of the in vitro hypoxic response of H9 human embryonic stem cells</i>
13:15	OC-9	Manuel Sánchez-Sánchez <i>Multinuclear solid-state NMR studies of the interactions involved in the CHCLF₂ adsorption over basic faujasite-type zeolites</i>

13:30	Lunch
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15:00	Poster Session
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Session VI <i>Chair (Jorge Santoro)</i>		
16:00	IL-13	Pau Bernadó <i>The structure of unstructured proteins: a multidisciplinary approach</i>
16:30	IL-14	Frank Engelke <i>Developments in DNP NMR instrumentation</i>
17:00	OC-10	Eva de Alba <i>PYRIN and CARD domains of the apoptosis-associated protein ASC: Structure and interdomain mobility</i>
17:15	OC-11	J. Félix Espinosa <i>Satellite-selective 1D TOCSY experiments for measuring long-range ^1H-^{13}C coupling constants and two-bond ^{13}C isotopic effects on proton chemical shifts</i>

17:30	Coffee
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Session VII <i>Chair (Oscar Millet)</i>		
18:00	IL-15	Ildefonso Marín Montesinos <i>Heteronuclear decoupling interference during symmetry-based homonuclear recoupling</i>
18:30	IL-16	Dimitris Argyropoulos <i>A new approach to NMR: The OneNMR™ probe.</i>
19:00	OC-12	J. Miguel López del Amo <i>NMR determination of backbone ^{15}N relaxation times and H-D isotope effects in a perdeuterated sample of the temperature stable protein GB1 in the solid state</i>
19:15	OC-13	Catarina M. Paquete <i>Probing the structure and function of CYMA, a key protein of <i>Shewanella Oneidensis</i> by NMR and EPR</i>

19:30	General Meeting GERMN
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21:00	Reales Alcázares. Visit and Cocktail
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WEDNESDAY 24 SEPTEMBER

Session VIII Chair (Carlos Geraldes)		
9:00	PL3	Burkhard Luy <i>The Measurement of Residual Dipolar Couplings in Most NMR Solvents Using Gel-Induced Alignment</i>
9:45	IL-17	Paloma Ballesteros <i>MRI contrast agents: from pH detection to anisotropic relaxivity</i>
10:15	OC-14	Beatriz Jiménez <i>Dynamics Characterization of Tah1- a TPR Protein Interacting with HSP90</i>
10:30	OC-15	Manolis Matzapetakis <i>NMR Solution Structure Determination of a Psychrophilic Thiol-Disulfide Oxidoreductase</i>
10:45	OC-16	J. Francisco Correa <i>Paramagnetic NMR relaxation effects in polymers: sensitivity enhancement and selective suppression of signals (¹H and ¹³C PSR FILTER)</i>
11:00	OC-17	M. Flor García Mayoral <i>Identification of new RNA targets for KSRP by the scaffold independent analysis of the specificities of its KH domains</i>

11:15	Coffee
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Session IX Chair (Manuel Rico)		
11:45	IL-18	Brian Goodfellow <i>Structural studies of the SOUL/HBP family of HEME binding proteins</i>
12:15	IL-19	Steven P. Brown <i>Probing Hydrogen Bonding by Solid-State NMR</i>
12:45	IL-20	Francisco J. Blanco <i>Solid, liquid and semi-liquid state NMR studies on the structure of HIV-Rev protein free and bound to its target RNA</i>

13:15	Prices and Closing
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13:45	Lunch
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