20th International Conference on MAGNETISM











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Welcome Letter

The Spanish magnetics community members are extremely pleased to host ICM2015. Nowadays, the research in magnetism in Spain is one of the most dynamic fields in condensed matter and materials science, widely distributed throughout academic and scientific institutions all throughout the country. The members of this scientific community including permanent, post-doctoral, and PhD staff amount to 350 people, mainly concentrated in the city axis composed of Madrid-Zaragoza-Barcelona, but there are also many active groups in other cities throughout the country. The different research groups doing research on magnetism in Spain cover most of the relevant subjects in the field, from basic to technological aspects. It is worth mentioning that the Spanish scientific community also counts with the synchrotron ALBA, which is located in the surroundings of Barcelona. On top of the synchrotron facilities, there is a specific soft X-ray beamline dedicated to polarization-dependent spectroscopy and is equipped with a two end-stations for magnetic dichroism and resonant soft X-ray scattering.

The host city, Barcelona, is a modern and sophisticated city with a very rich cultural life. Barcelona's Moderninst architecture counts with the work of renowned architects, such as Gaudí or Domènech i Muntaner, the creators of emblematic buildings such as the Sagrada Família, la Pedrera or the Hospital de Sant Pau. Barcelona has also a broad offer of leisure opportunities to satisfy and delight delegates. Fantastic beaches, golf courses, old Roman and Middle Age buildings are close to the city.

Barcelona can be reached, thanks to its airport located south-west of the city, and also by road, by train or by sea. The city counts as well with a convenient and efficient public transport network.

We kindly invite you to join us at ICM2015 in the alluring Barcelona!

ICM 2015 Organizing Committee



Committees

Organizing Committee

Chair:

Amílcar Labarta, University of Barcelona, Barcelona (Spain)

Secretary General

Benjamín Martínez, CMAB-CSIC, Barcelona (Spain)

Local Committee Chair

Xavier Batlle, University of Barcelona, Barcelona (Spain)

Treasurer

Fernando Bartolomé, ICMA CSIC, Zaragoza (Spain)

Publications Committee

Jose Rivas, University of Santiago de Compostela, Santiago de Compostela (Spain) Dominique Givord, Institut Neel, Grenoble (France)

Programme Committee

Manuel Vazquez, CSIC, Madrid (Spain)
Josep Fontcuberta, ICMAB CSIC, Barcelona (Sapin)
Ivan Schuller, University of California, San Diego (USA)

Topics and Suptopics

TOPIC 1

Strongly Correlated Electron System (SCES) (including Superconductivity / Multiferroics)

Subtopics

- Ferroics and Multiferroics
- Superconductivity and magnetism, including exotic superconductivity
- Topological Insulators and metal-insulators transitions
- Heavy Fermion Physics including Valence and charge fluctuations
- Quantum magnetism and physics of frustration
- Non-Fermi Liquids and Quantum criticality
- Kondo physics in bulk materials and nanoscale structures
- Theory of Strongly Correlated Matter
- New Developments

TOPIC 2

Spin Systems & Magnetic Structures

Subtopics

- Low-dimensional. Quantum Spin-Hall effect
- Molecular Magnetism
- Highly frustrated magnetism
- Spin-orbit and spin-lattice couplings
- Magnetism theory & simulation of quantum and classical systems
- Electronic Structure. Itinerant-electron magnetism. Half-metals. Insulators
- Magnetic phase transitions and magnetic interactions
- Magnetic semiconductors and Diluted magnets
- Actinides & Lanthanides
- Advanced methods of spin structure determination

TOPIC 3

Spin electronics and transport & magnetization dynamics and micromagnetics

Subtopics

- Metal spintronics
- Semiconductor spintronics
- Organic spintronics. Carbon-based spintronics
- Spin transfer torque and spin transfer oscillators
- Domain wall motion
- Electric field effect on magnetic systems
- Spin caloritronics
- Fast and ultrafast magnetization dynamics
- Spinwave dynamics and magnonics
- Vortex and skyrmion dynamics

TOPIC 4

Magnetism of nanoscale systems: thin films, nanostructures and nanoparticles

Sub-topics

- Magnetic thin films and multilayers
- Thin film nanostructures
- Magnetic nanoparticles

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- Perpendicular magnetic anisotropy materials
- Surface and interface effects
- Exchange bias and exchange springs
- Theory and modeling
- Hybrid nanostructures
- Arrays of magnetic nanostructures
- Magnetic nanodots, nanowires and nanotubes

TOPIC 5

Magnetic Materials and Technologies for: energy, information & life

Subtopics

- Soft and Hard magnetic materials

Nanocrystalline & amorphous materials soft magnets Ferrites, Garnets and oxide materials Rare-earth hard magnetic materials Intermetallic & other hard magnets Nanostructured and composite hard magnetic materials Coercivity Mechanisms

- Materials for Energy applications

Applications of high performance soft and hard materials Energy harvesting materials Shape memory alloys

Magnetocaloric materials and magnetic refrigeration

Magnetic Devices and Novel materials

Magnetostrictive devices
Magnetic sensors
Microwave materials and devices
Novel magnetic materials & Devices
Novel spintronic materials and devices

Magnetic information storage, memories and computation

Advanced and bit-patterned recording media
Energy assisted magnetic recording
Magnetoresistive materials for novel read sensors
Magnetic random access memories

Magnetic information processing and logica

Magnetic information processing and logics

- Applied magnetism of organic compounds and Biomedical applications

Magnetism in macromolecules and polymers

Magnetic nanoparticles: drug delivery image enhancement and magnetic hyperthermia

Magnetism in biological media, magnetic effects and biomedicine applications

Magnetic transducers and field sensors in biomedicine

- Measuring techniques and instrumentation

Magnetometry at the nano-scale
Magnetic microscopies, scanning probes
Magnetism & superconductivity by large facilities (neutron, synchrotron)
Instrumentation and interdisciplinary technologies

Why should you sponsor?

A tailored sponsorship package of the Conference is a cost-effective opportunity to reach a large number of delegates within your target market.

- A presence at the Conference is your organisation's opportunity to leverage five days of unparallel access to a wide potential client base, to inform them about your products and services and build long-term relationships.
- Sponsorship is a proven tactic for marketing your brand: it combines the reach of magazine advertising with the power of direct mail and persuasion of face-to-face meeting.
- Conference participants are keen to improve their scientific knowledge. Aligning your company with this powerful educational experience demonstrates your commitment to assisting their development at a deeply personal level.
- Your Company will benefit significantly from exposure to an interested, relevant and influential audience in an informal yet informative environment away from the competition of everyday distractions.
- The Conference will assist you in achieving strategic goals by providing you with direct exposure to your target market.
- Be informed and identify the marketing strategies being implemented by your competition.
- As a Conference Sponsor you will be given priority of placement within the Conference Exhibition. Platinum Sponsors will receive first choice, followed by Gold, Silver and then Bronze.

Key benefits to early commitment

Aligning your company early will ensure:

- Maximum exposure for your brand and increased opportunities to access not only the registered delegates but anyone receiving Conference printed or electronic marketing information.
- First choice of sponsorship opportunity to ensure alignment with your marketing aims.



General Information

Venue

Palau de Congressos Catalunya

Av. Diagonal, 661-671 08028 Barcelona

Conference Dates

From July 5th to July 10th 2015

Exhibition Set up:

July 5th, 2015 09:00 - 20:00

Commercial Exhibition:

July 6th, 7th, 8th, 9th 09:00 - 19:00 July 10th 09:00 - 18:00

Exhibition Dismantling:

July 10th after the Closing Ceremony

Price of the Stand

6sqm (3 x 2m) : 2500€ + VAT (21%)

The exhibition space includes:

- Space for the booth (modular booth not included)
- Exhibitor passes
- Inclusion of the name and logo of the exhibiting company in the Final Programme

Technical Secretariat

E-mail: icm2015_exhibition@barcelocongresos.com

Barceló **CONGRESOS**















Exhibition Information

Allocation of the exhibition space:

Decisions regarding admission of exhibitors and exhibits as well as the allocation of space and the placement of booths are at the sole discretion of the Conference Organizer. However, the Conference Organizer will try to ensure that all exhibitor's expectations and wishes are satisfied.

The allocation of the stands/space will be made on a "first come - first served" basis.

Payment Terms:

- 15% of the total amount as a confirmation of the reservation.
- 85% remaining will be paid before March 15th 2015

If the exhibiting company does not observe these terms, the Organizers may cancel the reserved space and rent it to another exhibiting company without being obliged to reimburse the deposit paid.

Cancellation Policy:

From the organizers:

The Organizers may modify or cancel the exhibition if unforseen circumstances happen. In the event of a cancellation, the Organizers will reimburse the exhibiting company.

• From the exhibiting company:

In the event that the exhibiting company cancels its participation in the Congress, the exhibiting company must notify the Organizers in writing.

Reimbursement for cancellations:

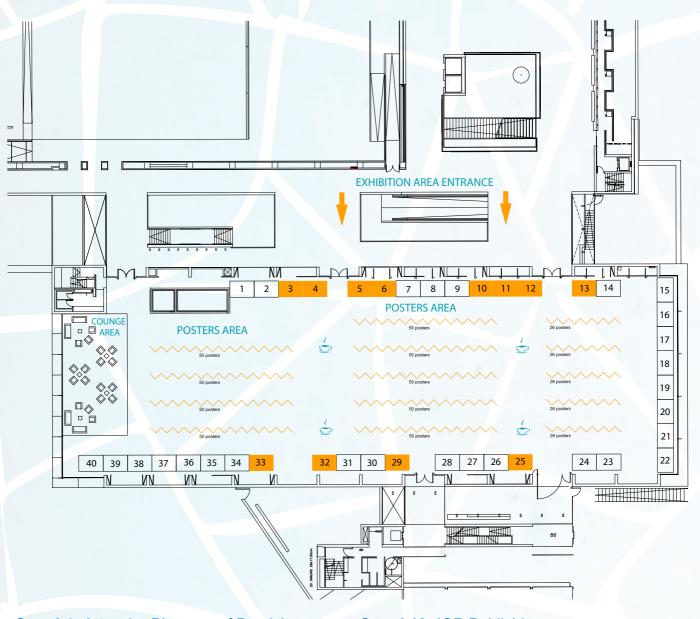
Before January 10th 2015 - 50% of the total amount

After January 10th 2015 - no reimbursement will be made

You will find updated information about Exhibition on our Website: www.icm2015.org



Exhibition Floor Plan



Stand 4: Attocube Pioneers of Precision

Stand 3: Cryogenic

Stand 5: Zurich Instruments

Stand 6: Lake Shore

Stand 10 + 11: LOT Quantum

Stand 12: Cambrige University Press



Stand 25: Oxford University Press

Stand 29: Alba Synchrotron Light Source

Stand 32: NT-MDT

Stand 33: Oxford Instruments





Sponsorship Packages

Sponsors will be invited to custom design their sponsorship package from the wide range of opportunities that will be outlined in order to ensure the sponsorship package meets your specific marketing needs. Further to this, any additional ideas that you may have to promote your products and services are very welcome for consideration by the Organising Committee. The ICM 2015 Sponsorship Team would be delighted to meet with you at your earliest convenience to discuss options or to create a tailor made sponsorship package specific to your marketing requirements.

Sponsors will have the opportunity to select the package to receive acknowledgements, benefits and entitlements according to the level of sponsorship contribution. Sponsorship items will be allocated on a "first come, first served" basis.

Sponsorship Levels

 Diamond Sponsor 	35.000 €
 Gold Sponsor 	20.000 €
Silver Sponsor	9.000 €
Bronze Sponsor	< 5.000 €

Benefits will be allocated to sponsor on the basis of the following table:

BENEFITS	DIAMOND	GOLD	SILVER	BRONZE	EXHIBITOR
	€35.000,00	€20.000,00	€9.000,00	€5.000,00	€2.500,00
Free delegate registration	5	3	2	1	0
Free exhibition space	24sqm	18sqm	12sqm	6sqm	6sqm
Sponsor's logo in the final programme	X	X	X	X	X
Sponsor's logo in the newsletters	X	X	X	Х	X
Sponsor's logo in the website	X	X	X	X	X
Final programme advertisement	2 pages	1 page	1 page	1 page	0
Main stage - logo printing	X	0	0	0	0
Publications - logo printing	X	X	X	X	0
Flyer insert in congress bag	X	X	X	X	0

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Additional Sponsorship Opportunities

Additional possibilities of promoting your company and your products are offered through sponsoring of different options related to the Conference. We are sure that you will be able to find an item on the list to fit your specific company's interest and budget. Of course we also welcome your own suggestions.

Social Events

1. Welcome Reception: 10.000 €

All Delegates and Exhibitors are invited to this party. Sponsor will receive full recognition on this event.

2. Gala Dinner: 50.000 €

Gala Dinner is open to all participants (i.e. delegates, accompanying persons, and exhibitors) at a minimal cost subsidized by Sponsor. Payment and reservation is required. Sponsor will receive full recognition on this event.

3. Catering at the venue:

Coffee breaks (per day): 22.000 €

All Delegates are entitled to this. Sponsor Logos will be placed in all coffee break stations.

Products and Services

4. Congress Bags: 42.000 €

Exclusive sponsorship of the Congress bags (Platinum & Gold Sponsors will have the right of first refusal). Your name will be displayed discreetly on each bag. You are entitled to include one piece of promotional literature in the Congress bag (costs are including manufacturing).

5. Pen-Drive For Abstracts: 22.000 €

The abstracts of the Congress will be published on Pen-Drive.

6. Lanyard for the Badges: 16.000 €

The sponsor name and logo will be displayed on the name badge lanyards that will be distributed to all Congress participants.

7. Speaker's Preparation Room: 12.000 €

The sponsor name will be displayed in the presentation preview room.

8. Notepads and Pens: 7.000 €

The sponsor name and logo will be printed on the notepads and pens, to be included in the Congress bag (costs are including manufacturing).

9. Conference Program Board: 5.000 €

A specially designed program board which will list the full conference program will be placed in a common public area. The sponsor's name will be printed on this as well.

10. Flyer insert in congress bag: 1.500 €

Sponsor will have the opportunity to insert a flyer in the congress bag. Printing costs must be covered by the company.

















11. Posters Session: 7.000 €

Acknowledgement as poster session sponsor in abstract book
The Sponsor logo or name will appear on each poster board in respective session as well as on poster session signage.

12. Your own suggestion to support ICM 2015 will be welcome, please send your proposal to the Technical Secretariat

Advertising (Full Color)

Position	2nd Announcement	Final Program	
Outside Back Cover	side Back Cover 7.000 € each (for PLATIN		
Inside Front Cover	5.000 €	6.000 €	
Inside Back Cover	4.000 €	5.000 €	
Full Page Inside	3.500 €	4.000 €	











www.icm2015.org



Exhibition and Sponsorship Form

COMPANY NAME:			
CONTACT PERSON:			
ADDRESS:		POSTAL CODE:	
CITY:		COUNTRY:	
PHONE:		FAX:	
EMAIL:		VAT NUMBER:	
1. Booth reservation			
Booth # (1st Option) Booth # (2nd Option) Booth # (3rd Option) Total	€ Subtotal 1 (Booth reserv	vation)	
2. Sponsorship opportunit	ies	Amount	
Collaboration #			
Collaboration #			
Collaboration #			
Total		€	
Total	Subtotal	2 (Additional Sponsorsh	in opportunities)
	Subtotui	2 (Additional Sponsorsh	ip opportunities)
3. Total to be paid			
+	= tal 2 TOTAL	+ =	€
Subtotal 1 Subto	tal 2 TOTAL	21% VAT	TOTAL
4. Payment options			
() Bank transfer Account Holder: Barceló Turis Bank name: BBVA Bank address: Pl. de l' Olivar Bank account: 0182 4899 18 Swift code: BBVAESMMXXX IBAN number: ES44 0182 48	, 6, Palma de Mallorca 0201515790 399 18 0201515790		
Please fill in this form and se E-mail: icm2015_exhibition@ba			

Technical Secretariat:

Barceló congresos

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