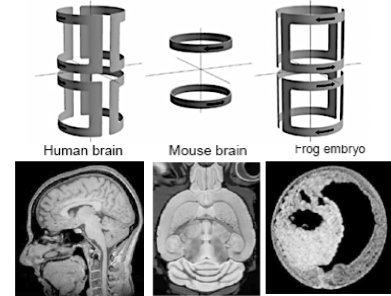
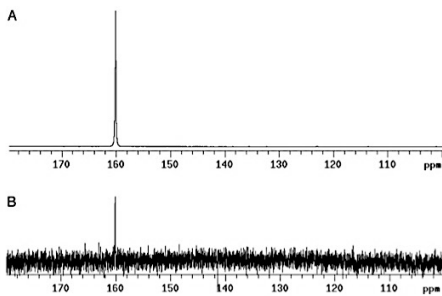




# GIDRM Workshop: Advanced Hardware, Methods and Applications in NMR/MRI June 7-8 2018, University of L'Aquila, Italy



## AIMS

The first goal of this GIDRM Workshop is to bring together the Italian community working on, or interested in, advanced hardware, methods and applications in the field of NMR/MRI, spanning from ultra low to ultra high magnetic fields. The second goal is to establish stronger bounds between GIDRM members and Companies providing NMR/MRI products and services, as well as to initiate collaborations for future grant applications and research projects. A round table will allow the Companies to present their latest advances in products and applications, and also to answer questions and needs from the public. Finally, two informal Poster sessions will be available for participants, where they can show their recent work (up to 2 posters per participant), also presented in other venues, with the aim to enlarge the network of collaborations within the GIDRM community.

## PROGRAMME

Thursday June 7 <sup>th</sup>	
12:30-13:40	Registration and Light lunch
13:40-14:00	Welcome and Opening
14:00-14:45	Marco Geppi, Marcello Alecci, Angelo Galante, Rector/Director MESVA Richard Bowtell: "NMR/MRI scanners: Are we close to a new era?"
14:45-15:15	Maurizio Repetto: "Gradient coils design: how computational methods help to optimize novel MRI applications?"
15:15-15:45	Angelo Galante: "Real-time monitoring of magnetic fields exposure: Is it useful to improve safety?"
15:45-16:15	Guido Buonincontri: "MRI fingerprinting: A new pulse sequence paradigm?"
16:15-16:45	Coffee break + Poster session I
16:45-17:30	Silvio Aime: "Advances in NMR/MRI Contrast Agents: CEST la vie!"
17:30-18:00	Alessandra Flori: "Metabolic imaging with DNP methods: Are we ready?"
18:00-19:30	ROUND TABLE "News from the Industry" moderated by Marco Geppi and Marcello Alecci
20:30-22:30	Dinner (Restaurant "Da Rino") <a href="http://www.ristoranterino.it">http://www.ristoranterino.it</a>
Friday June 8 <sup>th</sup>	
8:00-9:00	Coffee in the RF coil lab (Coppito 2, Room): Meet the Mispin people Enrico Luchinat: "In-cell NMR: How to do it and why?"
9:00-9:45	Giulia Mollica: "Solid state NMR and DNP: What can we gain?"
10:15-10:45	Nicola Funicello: "How to build a low field NMR spectrometer: Is it worth the efforts?"
10:45-11:15	Coffee break + Poster session II
11:15-12:00	Angelo Bifone: "Brain functional networks with MRI: Is there a Surprise?"
12:00-12:30	Rossella Canese: "Animal models of disease: What MRS/MRI can tell us?"
12:30-13:00	Pasquina Marzola: "Therapeutically efficacy of stem cells: What is the role of MRI?"
13:00-13:30	Marcello Alecci: "Multiple tuned RF coils: How to make it and why?"
13:30-13:45	Marco Geppi: Closure and Adjournment
13:45-14:30	Light Lunch

## SCIENTIFIC COMMITTEE

- |                               |                               |
|-------------------------------|-------------------------------|
| Marco Geppi (Pisa)            | Luca Menichetti (Pisa)        |
| Lucia Calucci (Pisa)          | Rossella Canese (Roma)        |
| Donatella Capitani (Roma)     | Maurizio Marrale (Palermo)    |
| Mariapina D'Onofrio (Verona)  | Marcello Alecci (L'Aquila)    |
| Michele Chierotti (Torino)    | Angelo Galante (L'Aquila)     |
| Giuseppe Pileio (Southampton) | Marco Chiarini (Teramo)       |
| Paola Turano (Firenze)        | Stefania Della Penna (Chieti) |

## LOCAL ORGANIZING COMMITTEE

- Marcello Alecci (L'Aquila)  
Angelo Galante (L'Aquila)

## INFORMATION

**Venue:** University of L'Aquila, Department MESVA, Building Coppito 2 - second floor, room C.3.5, via Vetoio 46, 67100 L'Aquila (GPS: lat 42.367618°; long 13.351668°).

**Registration fee:** The registration fee, also covering lunch and coffee-break costs, is of 60 Euros (including subscription to GIDRM for 2018) for non GIDRM members and of 40 Euros for GIDRM members.

Deadline for registration is May 31st.

For the registration follow the instructions at the GIDRM website: [www.gidrm.org](http://www.gidrm.org).

**Contacts:** [laquila2018@gidrm.org](mailto:laquila2018@gidrm.org)