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*Laboratório Multiusuário de RMN de Sólidos*  
*Prof<sup>ª</sup> Adelina Costa Neto*  
[www.labrmnsolidos.com.br](http://www.labrmnsolidos.com.br)  
[labrmnsolidos@iq.ufrj.br](mailto:labrmnsolidos@iq.ufrj.br)



UFRJ

Universidade Federal do Rio de Janeiro  
CCMN - Instituto de Química

## IV Workshop: “Theory and Practical Aspects on Solid State NMR”

### PROGRAM

12-13 May, 2017  
Salão Nobre CCMN, Ilha do Fundão  
Rio de Janeiro, Brazil

## Friday, 12<sup>th</sup> May 2017

- 8:45 - 9:00h **Opening section**  
*Prof. Marco Antonio Chaer Nascimento*  
Universidade Federal do Rio de Janeiro,  
Brazil
- 9:00 – 9:45h **Conference:**  
**“Heavy mice and lighter things: using solid-state NMR spectroscopy to elucidate molecular structures in tissues”**  
*Prof. Melinda Duer*  
University of Cambridge, UK
- 10:00 – 10:15h *Coffee-break*
- 10:15 – 12:15h **Short course I:**  
**“Some aspects of solid state NMR on dipolar nuclides”**  
*Prof. Melinda Duer*
- 12:15 – 13:30h LUNCH
- 13:30 – 14:15h **Conference:**  
**“Solid state NMR across the periodic table”**  
*Prof. Robert Schurko*  
University of Windsor, Canada
- 14:30 – 16:30h **Short course II:**  
**“Some aspects of solid state NMR on quadrupolar nuclides”**  
*Prof. Robert Schurko*
- 16:30h **Closing Remarks**  
*Prof. Marco Antonio Chaer Nascimento,*  
Universidade Federal do Rio de Janeiro,  
Brazil

**COCKTAIL**

## Saturday, 13<sup>th</sup> May 2017

### **Short course III: “Practical Aspects on Solid State NMR”**

*Prof. Rosane San Gil*  
Universidade Federal do Rio de Janeiro, Brazil  
Laboratório de RMN de Sólidos, Ed CT, bloco A, Lab. 605

- 9:00 – 12:00h Laboratory experiments – Part I  
Samples preparation;  
Experiments setup
- 12:00 – 13:30h LUNCH
- 13:30 – 17:00h Laboratory experiments – Part II  
Data acquisition
- 17:00h Closing section  
*Prof. Rosane San Gil*  
Universidade Federal do Rio de Janeiro