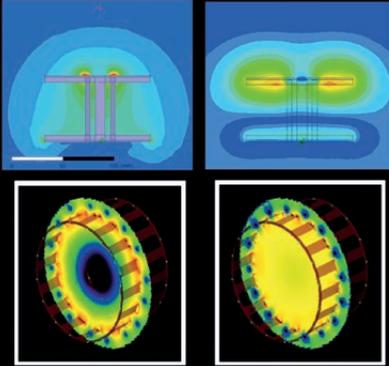


ESMRMB

European Society for Magnetic Resonance in Medicine and Biology



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Lectures on MR 2016

Educational courses, exercises, and practical demonstrations
on MR Physics and Engineering

**RF coils:
Design, build and characterise
your own**

June 21–23, 2016

L'Aquila/IT

Programme director:

Felix Breuer

Course organisers:

Marcello Alecci

Andrew Webb

Local organisers:

Marcello Alecci

Angelo Galante

Assunta Vitacolonna

RF coils: Design, build and characterise your own

Course venue:

University of L'Aquila
L'Aquila, Italy

This course is limited to
a maximum of 20 participants.

Course language:

English

Educational level:

This course is intended for scientists and engineers who have a basic knowledge of mathematics and simple electrical circuits. Attendees should have a working knowledge of magnetic resonance basics.

Topics:

- RF circuit design
- Hardware for RF testing
- Simulation software
- Advanced RF coils
- Practical design and/or construction
- RF coil characterisation

Preliminary faculty:

M. Alecci, N. Avdievitch, L. Darrasse, J. Mispelter, A. Monorchio, A. Webb

The Lectures on Magnetic Resonance programme will be applied for accreditation by the European Federation of Organisations for Medical Physics (EFOMP).

A certificate of attendance of the entire course will be available online for the participants.