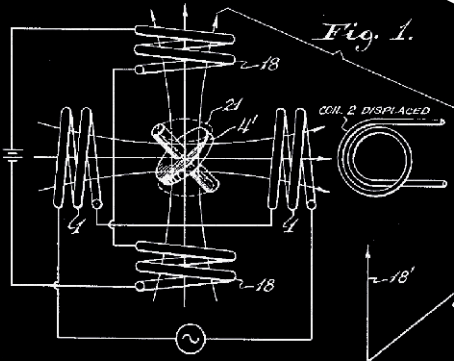


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# Lectures on MR 2018

Educational courses, exercises, and practical demonstrations  
on MR physics and engineering

## RF-Coils:

Design and build your own coil

September 17–20, 2018

L'Aquila/IT

## Programme director:

Felix Breuer

## Course organisers:

Marcello Alecci

Andrew Webb

## Local organisers:

Marcello Alecci

Angelo Galante

# RF-Coils: Design and build your own coil

**Course venue:**  
University of L'Aquila/IT

This course is limited to 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 construction
- RF coil characterization

## **Preliminary faculty:**

M. Alecci, N. Avdievich, A. Galante, J. Mispelter, A. Webb  
(Additional speakers will be confirmed nearer the time of the course)

A certificate of attendance will be available online for participants.