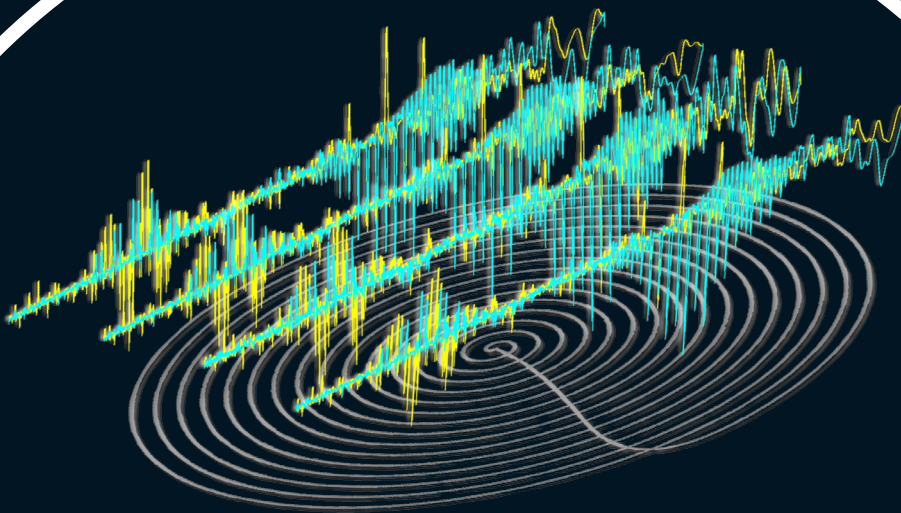


ESMRMB

European Society for Magnetic Resonance in Medicine and Biology



# Lectures on MR 2013

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

**NEW!**

**RF coils: Design and build your own**  
*May 28–30, Berlin/DE*

**Acquisition strategies for hyperpolarised spin systems: Spectral, spatial and temporal**  
*August 25–27, Lyngby/DK*

**Create your own echo: How to generate, calculate and manipulate echoes**  
*September 2–4, Munich/DE*

**Resting state fMRI – basic concepts, methods & applications**  
*September 2–4, Vienna/AT*

**Clinical MR spectroscopy**  
*September 12–14, Nijmegen/NL*

**NEW!**

**Inverse imaging, sparse sampling, compressed sensing, and more**  
*September 16–18, Freiburg/DE*

**NEW!**

**Simultaneous multi-slice/multiband imaging**  
*September 19–21, Essen/DE*

**Small animal MR imaging**  
*October 10–12, Münster/DE*

**Diffusion: What it means and how to measure it**  
*October 12–14, Split/HR*

**Advanced methods for acquisition and analysis of fMRI data**  
*November 20–22, Tübingen/DE*

**RF pulses: Design and applications**  
*November 27–29, Tübingen/DE*

**NEW!**

**MRI simulation for sequence development, protocol optimisation, and education**  
*December 2–4, Bonn/DE*

**RF simulation for MR systems: Coil design and safety**  
*December 12–14, Utrecht/NL*