

Erasmus Course: Basic MRI Physics

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www.emricourse.org



ORGANISERS

A. Santos (Madrid, Spain)

LANGUAGE

The course language is English

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VENUE

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FACULTY

Andres Santos, PhD (Madrid, ES)

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Stephen Gandy, PhD (Dundee, UK)

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PROGRAMME

Topics

Background physics & mathematics

Basic Nuclear Magnetic Resonance

Image encoding

Instrumentation

Spin Echo

Relaxation times and contrast

Safety & quality assessment

Gradient Echo

Fast & ultrafast imaging

Artifacts

Flow and angiography

Diffusion & perfusion

Cardiovascular imaging

Spectroscopy

MORE INFORMATION ON:

www.emricourse.org/basic_2014.html

