

# ERASMUS BASIC MRI PHYSICS 2023 - PROGRAMME

Fitzwilliam College, Storey's Way, Cambridge, CB3 0DG, UK

Time (Start-End)	Monday 25 September	Tuesday 26 September	Wednesday 27 September	Thursday 28 September	Friday 29 September
09:00-09:45	<b>Registration</b>	<b>Basic Spin Echo Imaging</b> <i>SJ Sawiak, Cambridge</i>	<b>Basic Gradient Echo Imaging</b> <i>P. VanSchuerbeek, Brussels</i>	<b>Functional MRI</b> <i>SJ Sawiak, Cambridge</i>	<b>MR Spectroscopy</b> <i>RS Nicholas, Dundee</i>
09:45-10:00	<b>Welcome</b> <i>SJ Sawiak, Cambridge</i>				
10:00-11:00	<b>Background Physics &amp; Mathematics</b> <i>P.VanSchuerbeek, Brussels</i>	Q/A Evaluation Q/A Teaching (Coffee Available)	Q/A Evaluation Q/A Teaching (Coffee Available)	Q/A Evaluation Q/A Teaching (Coffee Available)	<b>Examination &amp; Course Evaluation</b> (Coffee Available)
11:00-12:00	<b>Basic NMR</b> <i>P.VanSchuerbeek, Brussels</i>	<b>Spin Echo Imaging in Practice</b> <i>SJ Sawiak, Cambridge</i>	<b>Gradient Echo Imaging in Practice</b> <i>P. VanSchuerbeek, Brussels</i>	<b>Artefacts</b> <i>M Mada, Cambridge</i>	<b>Certificates &amp; Farewell</b>
12:00-13:00	Q/A Evaluation Q/A Teaching	Q/A Evaluation Q/A Teaching	Q/A Evaluation Q/A Teaching	Q/A Evaluation Q/A Teaching	
13:00-14:00	<i>Lunch Break Coffee/Tea</i>	<i>Lunch Break Coffee/Tea</i>	<i>Lunch Break Coffee/Tea</i>	<i>Lunch Break Coffee/Tea</i>	
14:00-15:00	<b>Imaging Encoding</b> <i>P.VanSchuerbeek, Brussels</i>	<b>Relaxation Times &amp; Contrast</b> <i>SJ Gandy, Dundee</i>	<b>Diffusion &amp; Perfusion</b> <i>SJ Sawiak, Cambridge</i>	<b>Flow Effects &amp; Angiography</b> <i>M Graves, Cambridge</i>	
15:00-16:00	Q/A Evaluation Q/A Teaching (Tea Available)	Q/A Evaluation Q/A Teaching (Tea Available)	Q/A Evaluation Q/A Teaching (Tea Available)	Q/A Evaluation Q/A Teaching (Tea Available)	
16:00-17:00	<b>Instrumentation &amp; Site-Planning</b> <i>RS Nicholas, Dundee</i>	<b>Safety &amp; Quality Assessment</b> <i>SJ Gandy, Dundee</i>	<b>Fast &amp; Ultra-Fast Imaging</b> <i>RS Nicholas, Dundee</i>	<b>Cardiac MRI</b> <i>SJ Gandy, Dundee</i>	
17:00-18:00	Q/A Evaluation Q/A Teaching	Q/A Evaluation Q/A Teaching	Q/A Evaluation Q/A Teaching	Q/A Evaluation Q/A Teaching	
<b>Evening</b>	<b>Welcome Reception</b>		<b>Social Dinner</b>		