

Joint Department of Physics
The Royal Marsden NHS Foundation Trust and Institute of Cancer Research
Medical Imaging Physics - Image Theory, Perception and Machine Learning
Monday 8 (PM) – Tuesday 9 February 2027

Monday 8 February 2027

12.30	12.55		<i>Registration</i>
12.55	13.00	Jamie Dormand	Welcome and introduction
13.00	14.00	Matt Blackledge	Fundamentals of imaging I
14.00	14.30	Matt Blackledge	Fundamentals of imaging II
14.30	15.00		<i>Coffee</i>
15.00	15.30	Matt Blackledge	Fundamentals of imaging III
15.30	16.15	Mark O’Leary	Perception and interpretation of medical images
16.15	17.00	Ed McDonagh	Three-dimensional image display

Tuesday 9 February 2027

09.00	09.45	John Suckling	Image processing techniques
09.45	10.30	John Suckling	Deep learning fundamentals
10.30	11.00		<i>Coffee</i>
11.00	12.00	John Suckling	Responsible AI
12.00	13.00	Matt Blackledge	Generative AI
13.00	14.00		<i>Lunch</i>
14.00	15.15	Matt Blackledge/ John Suckling	Practical exercises I
15.15	15.45		<i>Tea</i>
15.45	17.00	Matt Blackledge/ John Suckling	Practical exercises II
17.00	17.05		<i>Close of meeting</i>