

Institute of Physics – L & S E Branch – Retired Members Section AT HOME

The Physics and Practice of Medical Imaging

THURSDAY 18 January 2018

This meeting has been organised by Bill Metcalf with domestic arrangements by George Freeman

This meeting is in two parts: a morning session devoted to the science and technology of medical imaging, and an afternoon session devoted to a selection of application areas. The technical input is on X-ray imaging, ultrasound, MRI and Nuclear medicine (including PET); the application areas are the brain, oncology and the cardiovascular system.

Venue **Library of the Royal Society of Chemistry, Burlington Place, London**
PROGRAMME

Chairman: Mike Quinton

10:00 Registration and coffee

10:50 Welcome and notices

11:00	Principles of X-ray imaging (including CT)	Dr Elly Castellano	The Royal Marsden
11.30	Principles of Ultrasound	Dr Nick Dudley	Lincoln County Hospital
12.00	Principles of Magnetic Resonance Imaging	Dr Martin Graves	Addenbrookes, Cambridge
12.30	Principles of Nuclear Medicine (including PET)	Dr John Dickson	University College Hospital
13:00	Lunch		
14:00	Imaging the brain	Dr Tilak Das	CUH, Cambridge
14.30	Imaging in oncology	Dr Tristan Barrett	Addenbrookes, Cambridge
15.00	Imaging the cardiovascular system	Dr Swamy Gedela	Basildon & Thurrock
15.30	Summary and questions	Dr Martin Graves	Addenbrookes, Cambridge
16:00	Tea		

Costs **Free:** but £35 with lunch for a maximum of 50. There are plenty of eating places in nearby streets. This is a London & SE Branch meeting and is open to visitors and the public free of charge. Please register on the London and SE website as spaces are limited http://www.iop.org/activity/branches/south_east/lse/ If you want lunch, which is a REMS event, please use this same link.

Lunch will be in the Council Room, first floor opposite the library.
It is a hot sit down buffet with wine.

Getting there: The RSC is in the top right hand corner of Burlington Place, Piccadilly.

Contacts: Administration - George Freeman (georgefreeman@georgefreeman.force9.net)
Programme - Bill Metcalf (bill.metcalf@geo-strategies.com)

Abstracts and CVs will be available later for those who register.