

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.