Upcoming meeting of the BRSG the Magnetic Resonance Group of the IOP: Wednesday 10th December 2008, 10.30 am, Institute of Physics, 76 Portland Place, London.

“Recent advances in hardware for experimental magnetic resonance”

A 1 day meeting focused on recent advances in hardware for experimental magnetic resonance. 20 minute talks:

- Recent developments in superconducting magnet designs. Andrew Varney, Magnex/Varian, Oxford.

- Advanced gradient coil designs. Richard Bowtell, University of Nottingham

Novel signal detection methods

- MRI at 7T with waveguides. David Brunner, ETH, Zurich, Switzerland


- Uses and limitations of meta-materials as flux guides in NMR. Jo Hajnal, Imperial College, London.

- Cryo-cooled RF probes Detlef Moskau, Bruker.

- MAS rotor spinning at cryogenic temperatures. Ole Johannesson, University of Southampton

- Fast Field-Cycling MRI. David Lurie, University of Aberdeen

- DNP hardware advances. Josef Granwehr University of Nottingham

- Laser optical pumping of noble gases. Steve Parnell, University of Sheffield

Meeting organiser, Jim Wild, University of Sheffield, BRSG Chairman