

Optics and Ultrasound II

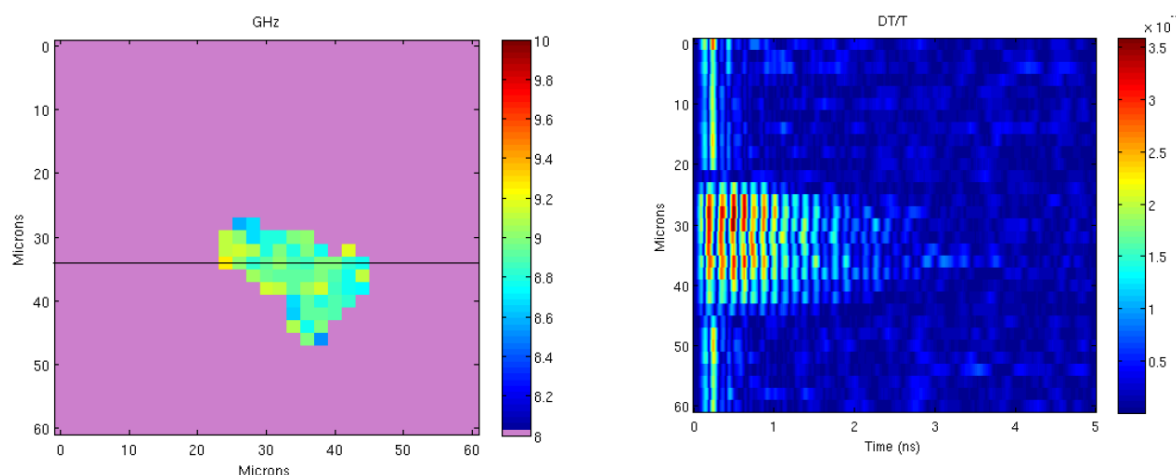
Sponsors: Optical and Physical Acoustics Groups, Institute of Physics

21 May 2014

Faculty of Engineering, University of Nottingham, Nottingham.

(There is no registration fee for this meeting but you need to register for catering purposes)

Call for papers



Combining optics and ultrasound leads to many powerful techniques for probing and manipulating matter with applications from medical imaging through the non destructive testing of engineering materials to fundamental materials physics on the nanoscale. Following a highly successful meeting sponsored by the Institute of Physics in 2013 we are pleased to announce Optics+Ultrasound II. This will cover all aspects of combining light and sound. This meeting will include a special session on **ultra high frequency** and **nanoscale** ultrasound.

Suggested topics include but are not limited to: medical imaging / non destructive testing / generation / detection / photoacoustic imaging / ultrasound modulated optical tomography / novel contrast agents e.g. nanoparticles, microbubbles / optical detection of ultrasound / reconstruction algorithms / modelling of light sound interaction / elastography / thin films / structure materials / phononics / transducers and sensors

Email abstracts (~100-150) words to harsha.brooks@nottingham.ac.uk by 30/4/14

Informal enquiries:

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Matt Clark (matt.clark@nottingham.ac.uk)

Registration: Harsha Brooks (harsha.brooks@nottingham.ac.uk)

Lunch will be provided.

Please forward this call to any colleagues (including clinical) who may be interested.