

4th International Conference on



ncological Engineering

15 -16 March 2015

**Bringing together engineers, scientists and clinicians to
explore novel ideas in the field of oncology**



Colorectal Therapies

Healthcare Technology Co-operative

in association with

UNIVERSITY OF LEEDS

Keynote speakers

Prof. Nadrian C. Seeman	<i>New York University</i>
Prof. Brian Wilson	<i>University of Toronto</i>
Assoc. Prof. Tze Wah	<i>University of Leeds</i>
Prof. Andreas Meltzer	<i>University of Dundee</i>

Call for papers
See overleaf

Book a place now

<http://www.eventbrite.co.uk/e/4th-oncological-engineering-conference-tickets-14598812441>

www.engineering.leeds.ac.uk/surgical-technologies

Call for papers

We invite contributions for podium and poster presentations of research in the themed areas below.

DNA Nanotechnology and Biochemistry

DNA nanotechnology promises to translate advances in nanotechnology, nano particles and nanorobots to bring improvements in oncological treatments. This theme will consider new technologies which exploit advances in DNA nanotech/biochemistry.

Photodynamic Diagnostics and Therapies

Photodynamic diagnostics and therapies promise exciting opportunities for real-time intra-operative identification of tumours and targeted treatments. This theme will consider the technology used to deliver PDD/T and their clinical evaluation.

Radiological Interventions

Interventional radiology uses minimally invasive techniques to diagnose and treat patients which were once only possible through surgical interventions. This theme focuses on the technology, methods and outcomes of modern radiological interventions for cancer.

Ultrasound

Ultrasound is instrumental in cancer treatment. Current clinical practice uses ultrasound extensively for imaging to aid assessment and diagnosis. This is complemented by new technology to use US for interventions. We welcome contributions across this range, from early stage research to reports on established clinical applications of US.

Submission: 150 word abstract by 31st December 2014 to:

Oncological_Engineering@leeds.ac.uk

Decisions by 14th January 2015

Engineering

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