4th International Conference on Oncological Engineering

15 - 16 March 2015

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

Keynote speakers

Prof. Nadrian Seeman  New York University
Prof. Brian Wilson  University of Toronto
Assoc. Prof. Tze Wah  University of Leeds

Colorectal Therapies
Healthcare Technology Co-operative

in association with
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Research Themes

DNA Nanotechnology and Biochemistry
DNA nanotechnology promises to translate advances in nanotechnology, nanoparticles 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.

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