

Workshop on

Imaging for Global Health

Wednesday 4th November 2015 13:30-17:00

Sir Alexander Fleming Building, Imperial College, South Kensington, London

Immediately Followed by the Hounsfield Poster Session and Lecture 2015

While industry and academia are driving huge advances in medical imaging systems, over 600 million people continue to live in low-income countries, where access to even the most basic of healthcare provision is often limited. Improving health outcomes in these low resource settings is a key development goal, and one in which diagnostic imaging techniques will play a vital part. There is therefore a pressing demand for imaging and sensing techniques which are low-cost and deployable without extensive scientific and technical infrastructure. Many of the newest developments in optical imaging and sensing techniques, and particularly the revolution in low-cost optical imaging components such as camera-phones, are ideally suited to this challenge, and offer a unique opportunity to extend the reach of reliable diagnosis and treatment.

The aim of this workshop is to bring together local researchers and clinicians from across the fields of medicine, global health and imaging, with the aim of fermenting new collaborations to exploit the potential of imaging in global health. Immediately following the workshop will be an evening poster session and [Hounsfield Lecture 2015](#). While the workshop will have a focused session on techniques for imaging in the digestive tract, a broad range of topics and clinical applications will be discussed **and we welcome the attendance and contribution of those working across the physical, biomedical and clinical sciences.**

Confirmed speakers include: Prof Clare Elwell (UCL), Dr Chris Dunsby (ICL), Dr Benny Lo (ICL), Dr Tom Vercauteren (UCL), Dr Andrew Prendergast (QMUL) and Dr Elisabetta Aurino (ICL).

Students and early stage researches who are attending are also encouraged to submit by **16th October** (via the Hounsfield Lecture website <http://hamlyn.doc.ic.ac.uk/hounsfield>) work on any related topic to the **poster symposium** to be held immediately prior to the Hounsfield Lecture.

Registration is free, and refreshments will be provided.

Please register by 28th October by emailing your full name and affiliation to m.hughes@imperial.ac.uk or alex.thompson08@imperial.ac.uk. Please also let us know if you are intending to submit a poster.