

## **Session Program**

**12-16 Sept 2005**



## **7th International Conference on Position Sensitive Detectors**

### ***S4 : New Techniques for Positron Emission Tomography***

University of Liverpool  
Greenbank Conference Park

## Tuesday 13 September

11:00

### S4 : New Techniques for Positron Emission Tomography

**Session** | **Location:** University of Liverpool, Greenbank Conference Park

11:00-11:30

#### The Potential for New Detector Technologies in Medical Imaging

**Speaker**

Prof. Robert Lewis

11:30-11:45

#### Performance characteristics of a small animal PET camera for molecular imaging

**Speaker**

Dr David Hastings

11:45-12:00

#### SmartPET: A Small Animal P.E.T Demonstrator using HyperPure Germanium Planar Detectors

**Speaker**

Mr Reynold Cooper

12:00-12:15

#### The Silicon photomultiplier for application to high-resolution gamma cameras for PET applications

**Speaker**

Dr Deborah Herbert

12:15-12:30

#### Modification of a Medical PET Scanner for engineering PEPT

**Speaker**

Mr Alireza Sadrmomtaz

12:30