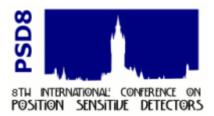**Session Program**

1–5 Sept 2008

8th International Conference on Position Sensitive Detectors

Poster Session 3 - Medical, PET and Biological

University of Glasgow
Glasgow G12 8QQ UK

Thursday 4 September

15:10

Analysis of time resolution in a dual head LSO+PSPMT PET system using low pass filter interpoilation and DCFD techniques

Speaker

Mr Jose M Monzo

Prelimary Monto carlo study of 18-FDG SPECT Imaging with a LaBr3@Ce Gamma Camera

Speaker

Mr Khalid Alzimami

Optimisation of a Dual Head Semiconductor Compton Camera using Geant4

Speaker

Ms Laura Harkness

Imaging with pixellated CdZnTe detectors for use in a Portable Gamma-Ray Spectrometer (PorGamrayS)

Speaker

Mr Matthew Dimmock

A High Speed PC-Based Data Acquisition & Control System for Positron Imaging

Speaker

Mr Thomas Leadbeater

Maximum likelihood positioning for gamma ray imaging detectors with depth of interactions measurement

Speaker

Dr Christoph Werner Lerche

Low-aftergloe CsI:T1 microcolumnar fils for small animal high-speed microCT

Speaker

Dr Bipin Singh

Feasibility study of high sensitive LaBr3 PET scanner based on the DOI-dependent extended-energy window

Speaker

Dr Eiji Yoshida

The Detective Quantum Efficiency of Electron Area Detectors

Speaker

Dr Wasi Faruqi

Comparison of the data obtained by PEPT technique for stationary and rotating particle on two detectors

Speaker

Dr Alireza Sadrmomtaz

Wavelength shifting fibre neutron image detector with a fibre optic taper for a high spatial resolution

Speaker

Dr Tatsuya Nakamura

High-Precision Position Estimation in PET using Artificial Neural Networks

Speaker

Fernando Mateo

A semiconductor compton camera system in SPECT mode

Speaker

Mr Alexander Grint

Design and Fabrication of PDE enhanced SiPM with Micro-lens

Speaker

Chae hun Lee

Performance evaultion for pinhole collimators of small gamma camera by MTF and NNPS Analysis; Monte Carlo simulation st

Speaker

Mr Gyuseong Cho

K-edge subtraction using an energy sensitive PSD

Speaker

Dr Christopher Hall

Quantifying the limitations of small animal high-purity germanium PET based on Geant4 simulations

Speaker

Mr David Oxley

16:10