

Session Program

3-7 Jul 2011



International Workshop on Radiation Imaging Detectors iWoRiD 2011

Poster Mini Talks V

ETH Zurich, Switzerland, HG E7
www.ethz.ch www.psi.ch

Tuesday 5 July

12:45

Poster Mini Talks V

Session | **Location:** ETH Zurich, Switzerland, HG E7, www.ethz.ch www.psi.ch | **Convener:** Prof. Valeria Rosso

12:45–12:46

Measurement of distribution of fast neutrons produced in ion beam therapy with the 3D sensitive voxel detector

Speaker

Dr Jan Jakubek

12:46–12:47

Application of Timepix in LWFA experiments: high flux single shot measurement of betatron radiation from x-rays to gamma-rays

Speaker

Ms Silvia Cipiccia

12:47–12:48

First steps towards small prototype gamma camera based on wavelength shifting fibers

Speaker

Mr Filipe Castro

12:48–12:49

Micro-radiography of Biological Samples with Timepix

Speaker

Mr Jiri Dammer

12:49–12:50

Design and image-quality performance of high resolution CMOS-based X-ray imaging detectors for digital mammography

Speaker

Dr Bo Kyung Cha

12:50–12:51

Phase Contrast Imaging at Classical and Compact Synchrotron Light Sources for Medical Applications

Speaker

Mr Franz Michael Epple

12:51–12:52

Performance Measurements of a Depth-Encoding TraPET Detector Module

Speaker

Mr Cheol Ha Baek

12:52–12:53

Development of a Large-Angle Pinhole Gamma Camera with Depth-of-Interaction Capability for Small Animal Imaging

Speaker

Mr Cheol-Ha Baek

12:53-12:54

Real-time X-ray microradiographic imaging and image correlation for local strain mapping in single trabecula under mechanical load**Speaker**

Dr Ondrej Jirousek

12:54-12:55

Test of different pixel detectors for laser-driven accelerated particle beams**Speaker**

Dr Carlos Granja

12:55-12:56

Towards ion spectroscopy for hadron beam therapy - finding optimal settings of the Timepix detector**Speaker**

Ms Bernadette Hartmann

12:56-12:57

Utilization of a pnCCD detector for Synchrotron radiation experiments: Application study of Interdiffusion in Metallic Thin Films**Speaker**

Mr Ali Abboud

12:57-12:58

Three-dimensional Dose Verification Using Normoxic Polymer Gel Dosimeters for Tomotherapy**Speaker**

Prof. Tzung-Chi Huang

13:00