

## **Session Program**

**10-14 Feb 2014**



## **ICTR-PHE 2014**

### ***Proffered papers - Physics I***

Centre International de Conférences de Genève (CICG)  
International Conference Centre Geneva 17, rue de Varembe CH- 1211 Geneva 2

# Wednesday 12 February

14:45

## Proffered papers - Physics I

**Session** | **Location:** Room 3 | **Conveners:** Thomas Beyer, David Townsend

14:45–14:55

### **The development of a low energy facility for clinical trials of Boron Neutron Capture Therapy**

**Speaker**

Rob Edgecock

**Location**

Room 3

14:55–15:05

### **Interstitial Detectors for Synchronized Radiation Quality**

**Speaker**

Giulio Magrin

**Location**

Room 3

15:05–15:15

### **An innovative on-line beam-monitoring detector based on the emission of secondary electrons**

**Speaker**

Saverio Braccini

**Location**

Room 3

15:15–15:25

### **Radiotherapy Dose Monitoring to Low-Dose Morphologic Imaging with Scanned Megavoltage X-rays**

**Speaker**

Paulo Crespo

**Location**

Room 3

15:25–15:35

### **Data models for the Compton camera acquisition and their influence on the reconstructed images**

**Speaker**

Voichita Maxim

**Location**

Room 3

15:35–15:45

### **Detection of ionizing radiation by intrinsic optical fiber sensors: preliminary results**

**Speaker**

Laura Cella

**Location**

Room 3

15:45-15:55

**First investigations of Ultra-Thin 3D silicon detectors as microdosimeters**

**Speaker**

Celeste Fleta

**Location**

Room 3

15:55-16:05

**Frequency difference electrical impedance tomography for imaging lung tumour**

**Speaker**

Chuan Li Yang

**Location**

Room 3

16:05-16:15

**A novel dual-modality optical tomography and x-ray system for small animal radiation research platform**

**Speaker**

Ken Kang Hsin Wang

**Location**

Room 3

16:15-16:25

**Digital Image Processing Techniques for Application in a Microbeam End-Station Microscopy**

**Speaker**

Antonios Georgantzoglou

**Location**

Room 3

16:25