

## **Session Program**

**2-6 Jun 2014**



# **Tipp 2014 - Third International Conference on Technology and Instrumentation in Particle Physics**

***V.b Health & Bio***

Beurs van Berlage

## Tuesday 3 June

16:10

### V.b Health & Bio: Session 1

**Session** | **Location:** Beurs van Berlage, Administratiezaal | **Convener:** Long Wei

**16:10-16:30** **Verification of the compton-PET and a new approach to SPECT**

**Speaker**

T. Takeshita

**16:30-16:50**

**EndoTOFPET-US: a novel multimodal tool for endoscopy and positron emission tomography**

**Speaker**

Erika Garutti

**16:50-17:10**

**Real-time Imaging of prompt gammas in proton therapy using improved Electron Tracking Compton Camera (ETCC)**

**Speaker**

Toru Tanimori

**17:10-17:30**

**Tech transfer or give-and-take? On the history and future of silicon photomultipliers in medical imaging and other domains.**

**Speaker**

Dr Dennis Schaart

**17:30-17:50**

**The brain as a trigger system**

**Speaker**

Mrs Maria Michela Del Viva

18:10

## Wednesday 4 June

11:00

### V.b Health & Bio: Session 2

**Session** | **Location:** Beurs van Berlage, Veilingzaal | **Convener:** Jan Jacobs

11:00-11:20

**Stability and homogeneity: key detector characteristics for good quality high-yield experimental data.**

**Speaker**

Gabriella Carini

11:20-11:40

**Upstream Dosimetry using a Monolithic Active Pixel Sensor (MAPS)**

**Speaker**

Ryan Frank Page

11:40-12:00

**Development of a High Rate proton Computed Tomography Detector system**

**Speaker**

Prof. Md Naimuddin

12:00-12:20

**Development of Real time <sup>90</sup>Sr counter applying Cherenkov light detection**

**Speaker**

Mr hiroshi ITO

12:20-12:40

**A compact scintillation detector for mobile neutron spectroscopy**

**Speaker**

Mr Angus Comrie

12:40

## Thursday 5 June

11:00

### V.b Health & Bio: Session 3

**Session** | **Location:** Beurs van Berlage, Veilingzaal | **Convener:** Long Wei

11:00-11:20

#### Prospects for spectral CT with Medipix detectors

**Speaker**

Enrico Junior Schioppa

11:20-11:40

#### AGIPD, the electronics for a high speed X-ray imager at the Eu-XFEL

**Speaker**

Peter Goettlicher

11:40-12:00

#### Energy response and temperature dependence of Ce:GAGG and Pr:LuAG coupled to SiPM

**Speaker**

Dr Bjoern Seitz

12:00-12:20

#### Triroc: 64-channel SiPM read-out ASIC for PET/PET-ToF application

**Speaker**

Dr Salleh Ahmad

12:20-12:40

#### Performance of FlexToT Time Based PET Readout ASIC for Depth of Interaction Measurements

**Speakers**

David Gascon, Juan Trenado Garcia

12:40