

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 ⁹⁰Sr 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