

## **Session Program**

**10-14 Feb 2014**



## **ICTR-PHE 2014**

### ***Detectors & Imaging***

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

## Tuesday 11 February

10:30

### Detectors & Imaging

**Session** |

**Location:** Centre International de Conférences de Geneve (CICG), International Conference Centre Geneva 17, rue de Varembe CH- 1211 Geneva 2 |

**Conveners:** Alberto Del Guerra, Denis Dauvergne

10:30-11:00

#### From CERN to PET/MR

**Speaker**

David Townsend

11:00-11:30

#### Software challenges and opportunities for multidisciplinary PET/CT and PET/MR imaging

**Speaker**

Dimitris Visvikis

11:30-11:45

#### Prompt gamma imaging of proton pencil beams at clinical beam current

**Speaker**

Julien Smeets

11:45-12:00

#### Prediction of $\beta^+$ -activity distributions from PT-PET by means of a yield approach

**Speaker**

Stephan Helmbrecht

12:00-12:15

#### ProXY - High performance monolithic pixel tracker for proton tomography

**Speaker**

Piero Giubilato

12:15-12:30

#### The recent developments of the FLUKA Monte Carlo code oriented to its applications in Hadrontherapy

**Speaker**

Paola Sala

12:30

13:30

### Detectors & Imaging: Detectors & Imaging

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13:30-13:45

#### Different detector concepts for several imaging scenarios: from hadrontherapy monitoring to clinical imaging

**Speaker**

Paola Solevi

13:45-14:00

**An integrated monitoring system for the on-line assessment of particle therapy treatment accuracy**

**Speaker**

Vincenzo Patera

14:00-14:15

**Development of Advanced Quality Assurance Instrumentation for Hadrontherapy**

**Speaker**

David Watts

14:15