

Session Program

15-19 Feb 2016

ICTR-PHE 2016

Detectors & Imaging

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

Tuesday 16 February

10:30

Detectors & Imaging

Session |

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

Conveners: Denis Dauvergne, Alberto Del Guerra

10:30-11:00

Imaging for online control of particle therapy

Speaker

Thomas Bortfeld

Location

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11:00-11:30

First clinical application of a prompt gamma based in vivo proton range verification using a knife-edge slit camera

Speaker

Christian Richter

Location

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11:30-11:45

New Results with Monolithic Scintillators for Time-of-Flight PET

Speaker

Dennis Schaart

Location

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11:45-12:00

Development of a High Resolution Module for PET scanners

Speaker

Gianluca Stringhini

Location

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12:00-12:15

J-PET: a novel TOF-PET scanner based on plastic scintillators

Speaker

Pawel Moskal

Location

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12:15-12:30

Development of a radioguided surgery technique with beta- decays in brain tumor resection

Speaker

Riccardo Faccini

Location

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12:30–13:30

Lunch

13:30–13:45

Range Verification with Ionoacoustics: simulations and measurements at a clinical proton synchro-cyclotron**Speaker**

Sebastian Lehrack

Location

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13:45–14:00

Measurement of Acoustic Emissions Generated by a Pulsed Proton Beam from a Hospital-Based Clinical Cyclotron**Speaker**

Kevin Jones

Location

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14:00–14:15

Fast Beam Profile Monitors for Microbeam Radiation Therapy**Speaker**

Bjarne Stugu

Location

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14:15