



# ICTR-PHE 2014

## Tuesday 11 February 2014

### New Technologies: New Technologies (14:15 - 15:45)

-Conveners: Wolfgang Enhardt; Anthony Lomax

time	[id] title	presenter
14:15	[63] Novel detectors for range assessment in particle therapy	THIROLF, Peter
14:45	[64] The ELIMED (Multidisciplinary and Medical applications at the ELI-Beams) network perspectives for laser driven beam applications	ATTILI, Andrea
15:00	[65] Harnessing laser-plasma accelerated ion beams for applications using Gabor lenses	HUGHES, Christopher
15:15	[66] Positron emission tomography (PET) isotope production from laser-driven proton	WONG, John DING, Kai
15:30	[67] A novel TOF-PET detector based on organic scintillators	MOSKAL, Pawel

### New Technologies: New Technologies (16:15 - 17:30)

-Conveners: Wolfgang Enhardt; Anthony Lomax

time	[id] title	presenter
16:15	[68] Requirements from Oncology to Imaging Technologies	SCHLEMMER, Heinz-Peter
16:45	[69] Potential of Detection of fast Cherenkov Photons for Improved Time of Flight Positron Emission Tomography	BRUNNER, Stefan
17:00	[70] Experimental characterization of acoustic detection and imaging for Bragg peak localization in proton therapy	PARODI, Katia
17:15	[71] A new elastic image fusion model for lung deformation simulation in 4D dose calculations	MILZ, Stefan