



# The 3rd ELIMED Workshop MEDical and multidisciplinary applications of laser-driven ion beams at ELI-Beamlines

## Thursday, 8 September 2016

### **Radiation Biology and Medical Applications: I - Conference Hall (09:00 - 10:50)**

-Conveners: Satyabrata Kar

time	[id] title	presenter
09:00	[49] Laser-plasma accelerators and femtosecond photon sources based ultrafast radiation chemistry and biomedicine	Prof. GAUDUEL, Yann
09:40	[50] Proton Beam for Radiation Therapy – Requirements, Dosimetry and Quality Control	Prof. OLKO, Pawel
10:05	[73] An Evaluation of the Various Aspects of the Progress in Clinical Applications of Laser Driven Ionizing Radiation	Dr HIDEGHETY, K.
10:30	[91] Prospective on medical radioisotopes production at ELI-NP	Dr NICULAE, Dana

### **Radiation Biology and Medical Applications: II - Conference Hall (11:10 - 12:30)**

-Conveners: Stephan Kraft

time	[id] title	presenter
11:10	[48] The radiobiology of laser-driven particle beams: focus on sub-lethal responses of normal human cells	MANTI, Lorenzo
11:50	[92] Laser-accelerated proton beam handling for cell irradiation studies	Mr POMMAREL, Loann
12:10	[118] A radiobiology experiment on Breast cancer cell line using Laser Driven electron Accelerators	Dr MINAFRA, Luigi