INSTYTUT FIZYKI JĄDROWEJ
im. Henryka Niewodniczańskiego
POLSKIEJ AKADEMII NAUK

Workshop on
Spatially Fractionated Proton Radiotherapy

organized jointly by

The Henryk Niewodniczański Institute of Nuclear Physics PAN, Kraków

and

The Department of Medical Radiation Physics, Stockholm University

Date: 26th January, 2017, 14:00 – 18:15

Venue: Institute of Nuclear Physics IFJ PAN, Radzikowskiego 152, 31-342 Kraków, Poland

Time	Presenter	Title
14:00- 14:15	Paweł Olko	Proton therapy – where do we go?
14:15- 14:30	Renata Kopeć	Medical Physics for the first PBS treatment in Kraków
14:30-14:45	Beata Sas-Korczyńska	Indications for proton radiotherapy
14:45 – 15:15	Albert Siegbahn	Grid proton therapy: past, present, and future
15:15 – 15:45	Niels Bassler	LET painting in proton therapy
15:45-16:15	Coffee break	
16:15- 16:45	Andrzej Wójcik	Combined exposure of cells to low and high LET radiation
16:45- 17:00	Thomas Henry	Development of proton grid therapy: what can be done with current TPS and what could be done with smaller beams?
17:15- 17:30	Magdalena Kłodowska	Monte Carlo simulation of proton minibeam transport
17:30 – 17:45	Liliana Stolarczyk	Dosimetry of small targets
17:45-18:00	Antoni Ruciński	Novel range monitoring techniques to improve ion beam therapy treatments: MC simulations and experiments
18:00 – 18:15	Marcin Pietrzak	Nanodosimetry approach to proton therapy

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RIN-III-61/04