

Bio-PAC05

Thursday 24 June 2010

Presentation of Proposals (10:00-18:05)

time	[id] title	presenter
10:15	[1] Measurements of W-values for carbon ions in argon, nitrogen and air	GIESEN, U.
10:30	[3] Physical characterization of therapy beams: Nuclear fragmentation studies for O-16 and He-4 ions	MARTINO, G.
10:50	[4] Characterization of high-energy neutron fields for shielding studies	LA TESSA, C.
11:10	Short Closed Session	
11:30	[5] Detection of prompt g-rays to monitor the dose distribution in the patient during an hadrontherapy: test of a multi-detector	TESTA, E.
11:50	[14] Experiments for real time in-vivo dosimetry for ion therapy	SAITO, N.
12:10	[19] Ion beam sensor for internal motion detection	
12:30	[15] Mitigation of the dosimetric impact of target motion	BERT, C.
12:50	Short Closed Session and Working Lunch for PAC-members	
14:00	[16] Further technical development of the GSI ion microbeam for radiobiology	VOSS, K.-O.
14:20	[17] Radiation induced anti-inflammatory effects in a human cell co-culture model of epithelium and connective lung tissue	FOURNIER, C.
14:40	Closed Session (Discussion PT-Proposals)	
15:45	[18] Experiments with energy modulated particle beams and biological verification of carbon ion treatment planning	KRAFT-WEYRATHER, W.

Friday 25 June 2010

Presentation of Proposals - Theory Seminar Room (09:00-10:20)

time	[id] title	presenter
09:00	[6] Investigation of high LET induced late cellular effects with relevance to cardiovascular diseases	RITTER, S.
09:20	[7] New targets for increasing the sensitivity of head and neck SCC stem-like cells to C-radiation exposure	RODRIGUEZ-LAFRASSE, C.
09:40	[8] Spatiotemporal organization of radiation-induced DNA damage responses in the context of LET and chromatin	JAKOB, B.
10:00	[9] DNA Damage after High-LET Exposure	LÖBRICH, M.