

Bio-PAC05

Report of Contributions

Contribution ID: 0

Type: **not specified**

Welcome and Introduction to the Bio-PAC's Tasks

Thursday, 24 June 2010 09:05 (55 minutes)

Presenters: STÖCKER, H.; LANGANKE, K.; DURANTE, M.

Contribution ID: 1

Type: **not specified**

Measurements of W-values for carbon ions in argon, nitrogen and air

Thursday, 24 June 2010 10:15 (15 minutes)

(7 shifts)

Presenter: GIESEN, U.

Session Classification: Presentation of Proposals

Contribution ID: 3

Type: **not specified**

Physical characterization of therapy beams: Nuclear fragmentation studies for O-16 and He-4 ions

Thursday, 24 June 2010 10:30 (20 minutes)

(14 shifts)

Presenter: MARTINO, G.

Session Classification: Presentation of Proposals

Contribution ID: 4

Type: **not specified**

Characterization of high-energy neutron fields for shielding studies

Thursday, 24 June 2010 10:50 (20 minutes)

(13 shifts)

Presenter: LA TESSA, C.

Session Classification: Presentation of Proposals

Contribution ID: 5

Type: **not specified**

Detection of prompt g-rays to monitor the dose distribution in the patient during an hadrontherapy: test of a multi-detector

Thursday, 24 June 2010 11:30 (20 minutes)

(6 shifts)

Presenter: TESTA, E.

Session Classification: Presentation of Proposals

Contribution ID: 6

Type: **not specified**

Investigation of high LET induced late cellular effects with relevance to cardiovascular diseases

Friday, 25 June 2010 09:00 (20 minutes)

(4 shifts)

Presenter: RITTER, S.

Session Classification: Presentation of Proposals

Contribution ID: 7

Type: **not specified**

New targets for increasing the sensitivity of head and neck SCC stem-like cells to C-radiation exposure

Friday, 25 June 2010 09:20 (20 minutes)

(3 shifts)

Presenter: RODRIGUEZ-LAFRASSE, C.

Session Classification: Presentation of Proposals

Contribution ID: 8

Type: **not specified**

Spatiotemporal organization of radiation-induced DNA damage responses in the context of LET and chromatin

Friday, 25 June 2010 09:40 (20 minutes)

(39,5 shifts)

Presenter: JAKOB, B.

Session Classification: Presentation of Proposals

Contribution ID: 9

Type: **not specified**

DNA Damage after High-LET Exposure

Friday, 25 June 2010 10:00 (20 minutes)

(8 shifts)

Presenter: LÖBRICH, M.

Session Classification: Presentation of Proposals

Contribution ID: **10**

Type: **not specified**

Discussion of Bio-Proposals

Friday, 25 June 2010 10:40 (1h 50m)

Session Classification: Closed Session for Bio-PAC

Contribution ID: **11**

Type: **not specified**

Working Lunch

Friday, 25 June 2010 12:30 (1 hour)

Session Classification: Closed Session for Bio-PAC

Contribution ID: 12

Type: **not specified**

Final Closed Session

Friday, 25 June 2010 13:30 (2 hours)

Discussion of all Proposals
Drafting of Recommendations
Miscellaneous

Session Classification: Closed Session for Bio-PAC

Contribution ID: 13

Type: **not specified**

Feedback to the Scientific Directorate

Friday, 25 June 2010 15:30 (30 minutes)

Session Classification: Closed Session for Bio-PAC

Contribution ID: 14

Type: **not specified**

Experiments for real time in-vivo dosimetry for ion therapy

Thursday, 24 June 2010 11:50 (20 minutes)

(4 shifts)

Presenter: SAITO, N.

Session Classification: Presentation of Proposals

Contribution ID: 15

Type: **not specified**

Mitigation of the dosimetric impact of target motion

Thursday, 24 June 2010 12:30 (20 minutes)

(26 shifts)

Presenter: BERT, C.

Session Classification: Presentation of Proposals

Contribution ID: 16

Type: **not specified**

Further technical development of the GSI ion microbeam for radiobiology

Thursday, 24 June 2010 14:00 (20 minutes)

(10 shifts)

Presenter: VOSS, K.-O.

Session Classification: Presentation of Proposals

Contribution ID: 17

Type: **not specified**

Radiation induced anti-inflammatory effects in a human cell co-culture model of epithelium and connective lung tissue

Thursday, 24 June 2010 14:20 (20 minutes)

(22,5 shifts)

Presenter: FOURNIER, C.

Session Classification: Presentation of Proposals

Contribution ID: 18

Type: **not specified**

Experiments with energy modulated particle beams and biological verification of carbon ion treatment planning

Thursday, 24 June 2010 15:45 (20 minutes)

(9 shifts)

Presenter: KRAFT-WEYRATHER, W.

Session Classification: Presentation of Proposals

Contribution ID: **19**

Type: **not specified**

Ion beam sensor for internal motion detection

Thursday, 24 June 2010 12:10 (20 minutes)

Session Classification: Presentation of Proposals