Final Dissemination Workshop, Hospital des Mar, Barcelona, Spain

WORKSHOP PROGRAMME

Wednesday, 22 April 2015		
Time slot	Speaker	Title
09:00 - 09:10	Thorsten Schneider	Opening of the Workshop
09:10 - 09:50	Alejandro Carabe-Fernandez	Comparison of different approaches zu obtain biologically effective dose distributions in ion beam therapy
09:50 - 10:30	Hans Rabus	Vision and Mission of the BioQuaRT Project
10:30 - 11:00	Coffee	
11:00 - 11:30	Davide Moro	Microdosimeters for measurement of local radiation quality in hadron therapy
11:30 - 11:50	Sebastian Galer	Development of microcalorimeters for direct measurement of lineal energy
11:50 - 12:30	Gerhard Hilgers	Characterisation of particle track struture at the nanometer level
12:30 - 14:10	LUNCH	
14:10 - 14:50	Simon Pimblott	Radiation chemical kinetics in ion tracks
14:50 - 15:30	Gaëtan Gruel	Producing biological data for setting up the simulation of early biological effects
15:30 - 16:00	Coffee	
16:00 - 17:30	Poster Session	

Thursday, 23 April 2015		
Time slot	Speaker	Title
09:00 - 09:40	Oliver Jäkel	Status of dosimetry for carbon ion therapy
09:40 - 10:00	Ulrich Giesen	Targeted irradiation of biological cells using an ion microbeam
10:00 - 10:30	Octávia Monteiro Gil	Evaluation of chromosome damage induced in a CHO cell line irradiated at the PTB microbeam using different qualities of radiation within the BioQuaRT Project
10:30 - 11:00	Coffee	
11:00 - 11:40	Carmen Villagrasa	Linking track structure and biological effects of radiation by multi-scale simulation
11:40 - 12:10	Ana Lucia Belchior	DNA damage and repair in human cells irradiated at the PTB microbeam
12:10 - 12:30	Frauke Alexander	Translating track structure properties to macroscopic volumes and mixed-radiation fields
12:30 - 14:10	LUNCH	
14:10 - 14:50	Hans Rabus	Lessons learned from the BioQuaRT project - Potential Research Topics for follow-up projects of BioQuaRT within the European Metrology Programme for Innovation and Research
14:50 - 15:20	Coffee	
15:20 - 17:20	Reinhard Schulte (Moderator)	Panel discussion: Towards treatment planning based on ion beam track structure (Panel: Karen Kirkby, Alejandro Carabe-Fernandez, Oliver Jäkel, Simon Pimblott, Damien Bertrand, Reinhard Schulte, Frank Verhaegen, Jan Wilkens)
17:20 - 17:30	Thorsten Schneider	Closing remarks

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