Session Program

2-4 Feb 2010



WORKSHOP "PHYSICS FOR HEALTH IN EUROPE"

Session 4: Novel technologies in radiation therapy

CERN, 500/1-001 - Main Auditorium

Wednesday 3 February

16:15 Session 4: Novel technologies in radiation therapy Session | Location: 16:15-16:45 Keynote: 'Novel technologies in radiation therapy' K. Peach (John Adams Inst.for Acc. Sci. and PTCRI, Oxford) Speaker K. Peach 16:45-17:15 Keynote: 'Innovative Technology is the Best Way to limprove Radiotherapy for Cancer Patients' J.P. Gerard (Centre Antoine Lacassagne, Nice) Speaker J.P. Gerard 17:15-17:30 A study on repainting strategies for treating moving targets with proton pencil beam scanning for the new Gantry 2 at PSI Speaker Mr Silvan Zenklusen 17:30-17:45 Mitigation of target motion in scanned ion beam therapy Speaker Dr Christoph Bert 17:45-18:00 The TOM'5 System for Multibeam Tomotherapy Speaker Dr Nils Achterberg 18:00-18:15 Electron cooling application for cancer therapy accelerator facility Speaker Mr Vladimir Vostrikov 18:15-18:30 A cyclotron-linac complex for carbon ion therapy Speaker Mr Alberto Degiovanni 18:30-18:45 A proposal for a low-cost size superconducting multi-use accelerating facility for protons or light ions (LOCMAF) Speaker **Evangelos Gazis** 18:45-19:00 General Discussion

19:20