

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 Improve 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 (LOCMF)

Speaker

Evangelos Gazis

18:45–19:00

General Discussion

19:20