

Session Program

21-23 Apr 2012

Jornadas do LIP 2012

4- Medical Physics

Lisboa, Pavilhão de Conhecimentos
Pavilhão de Conhecimentos Lisboa Portugal

Sunday 22 April

17:00

4- Medical Physics

Session | **Location:** Lisboa, Pavilhão de Conhecimentos, Pavilhão de Conhecimentos Lisboa Portugal |
Convener: Nuno Castro

17:00–17:10 **ClearPEM evaluation in clinical environment**

Speaker
Catarina Ortigão

17:10–17:20 **EndoTOFPET data acquisition system**

Speaker
Ricardo Bugalho

17:20–17:30 **PET/MRI with ClearPEM technology**

Speaker
Jorge Neves

17:30–17:40 **Descrição do projecto MC em Física Médica**

Speaker
Luís Peralta

17:40–17:50 **Dosímetros de cintilação para radiologia**

Speaker
Florbela Rego

17:50–18:00 **Modelo microdosimétrico das vias respiratórias**

Speaker
Alina Louro

18:00–18:10 **Protecção radiológica e caracterização de materiais**

Speaker
Jorge Sampaio

18:10–18:20 **Detailed simulations of a full-body RPC-PET scanner**

Speaker
Miguel Couceiro

18:20–18:30

Simultaneous 3D full-body image reconstruction for human and animal RPC-PET

Speaker
Paulo Martins

18:30–18:38 **Summary of the Compto-PET project**

Speaker
Vitaly Chepel

18:38–18:45 **Compton scattering on bound electrons**

19:00

Speaker

Alessio Mangiarotti