



EP Seminar

SPEAKER: Paul Rene Michel Lecoq

TITLE: **HEP technologies to address medical imaging challenges**

DATE: Tue 12/04/2016 11:00

PLACE: Council Chamber

ABSTRACT

Developments in detector technologies aimed at solving challenges in present and future CERN experiments, particularly at the LHC, have triggered exceptional advances in the performance of medical imaging devices, allowing for a spectacular progress in in-vivo molecular imaging procedures, which are opening the way for tailored therapies of major diseases. This talk will briefly review the recent history of this prime example of technology transfer from HEP experiments to society, will describe the technical challenges being addressed by some ongoing projects, and will present a few new ideas for further developments and their foreseeable impact.

Organised by: C. Lourenço, G. Unal..... **Tea and
Coffee will be served at 10h30**