

AVVISO DI SEMINARIO

Prof. Paul Lecoq (CERN)

Martedì 28/4/2015 ore 15:00 in aula U4/08

Seminario di Dottorato

Networking Physics and Medicine in the field of Medical Imaging

The international and multidisciplinary community working on detector developments at the cutting edge of technology for large physics and astrophysics experiments is more and more involved in technology transfer activities in the medical imaging area. Its action in networking physics and medicine is illustrated in a number of large-scale projects and coordinated activities involving physicists and physicians, some of them directly funded by the European Commission (EndoTOFPET-US, PICOSEC, MINDVIEW, TRIMAGE, SUBLIMA, ...). Medical imaging being a very dynamic domain it requires a high degree of reactivity from the developers from academia and industry. In particular the growing interest for personalized medicine and theranostics is challenging this pluridisciplinary community. Therefore we are considering important to structure this community in a similar way as particle physicists and astrophysicists did in the past. The role of such an organization would be to setup a framework, where to define and regularly update the scientific strategy on the basis of the evolution of the medical demand and of the potential offered by the development of breaking technologies through the organization of frequent meetings, thematic workshops, conferences and large scale collaborative projects.

Il coordinatore del dottorato

Giuseppe Chirico