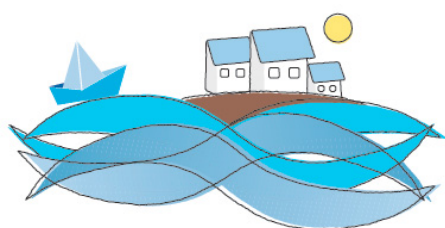


## **Session Program**

**1-5 May 2016**



**Mediterranean**  
Thematic Workshops  
in Advanced Molecular Imaging

# **MEDAMI 2016 - IV Mediterranean Thematic Workshop in Advanced Molecular Imaging**

***New Technologies***

## Tuesday 3 May

15:50

### New Technologies: Chair : C. Morel, CPPM-CNRS, France

Session | Location:

15:50-16:10 **Recent progress in Cherenkov based TOF PET**

**Speaker**

S. Korpar, Ljubljana Univ.

16:10-16:30

**Low dose small animal  $3\gamma$  imaging with the XEMIS2 liquid xenon Compton telescope**

**Speaker**

D. Thers, Subatech

16:30-16:50

**Efficient, fast 511-keV  $\gamma$  detection through Cherenkov radiation and ionization: the CaLIPSO detector for PET imaging.**

**Speaker**

D. Yvon, CEA-Saclay, France

16:50-17:10

**Quantification of CaLIPSO PET scanner potential for personalized medicine in oncology and neurology**

**Speaker**

O. Kochebina, CEA-Saclay, France

17:10-17:30

**Development of a highly integrated PET readout system scalable to several 10'000 channels.**

**Speaker**

S. Tavernier, Vrije Universiteit Brussel (BE)

17:30-17:50

**New approaches to boost PET system photon sensitivity**

**Speaker**

C. Levin, Stanford, USA

17:50