

## **Session Program**

**22-24 May 2013**

**Training on quantum detection, single-photon  
imaging, SiPMs, SPADs**

***Silicon Photomultipliers and Applications (1st  
Module)***

TU-Delft  
Netherlands

# Wednesday 22 May

09:00

## Silicon Photomultipliers and Applications (1st Module)

**Session** | **Location:** TU Delft, Vassiliadis room HB10.240 (High Building, 10th floor, room 240) | **Convener:** Edoardo Charbon

09:00–10:30

**Basics: avalanching theory, SPAD fundamentals, analog vs. digital SiPMs, readout architectures**

**Speaker**

Edoardo Charbon

10:30–10:45

**Coffee break**

10:45–12:15

**Timing evaluation and processing, multi-channel digital SiPMs: a statistical approach, system issues, testing and metrology, other applications**

**Speaker**

Edoardo Charbon

12:15