

# **PicoSEC training on Crystal Growth, Scintillation Mechanisms and Scintillator Applications**

## **Report of Contributions**

Contribution ID: 2

Type: **not specified**

## Overview of the project

*Wednesday 12 September 2012 14:00 (30 minutes)*

Development of a new class of ultra-fast  
photon detectors in PET and HEP

**Author:** AUFRAY HILLEMANN, Etienne (CERN)

**Presenter:** AUFRAY HILLEMANN, Etienne (CERN)

**Session Classification:** Kickoff meeting for PicoSEC students

Contribution ID: 3

Type: **not specified**

## **Presentation of each participant - first part**

*Wednesday 12 September 2012 15:30 (30 minutes)*

**Session Classification:** Kickoff meeting for PicoSEC students

Contribution ID: 4

Type: **not specified**

## **1st course: Solid state chemistry and crystal growth - first part**

*Thursday 13 September 2012 09:00 (1h 30m)*

**Authors:** Dr PETROSYAN, Ashot (Institute for Physical Research); PERRODIN, Didier (Fibercryst)

**Presenter:** PERRODIN, Didier (Fibercryst)

**Session Classification:** Training event

Contribution ID: 5

Type: **not specified**

## Visits: La Doua Campus

*Thursday 13 September 2012 15:00 (3 hours)*

LPCML Lab - Fibercryst facilities

**Session Classification:** Training event

Contribution ID: 6

Type: **not specified**

## 2nd course: Scintillation mechanisms

*Thursday 13 September 2012 13:30 (1h 30m)*

**Author:** DUJARDIN, Christophe

**Presenter:** DUJARDIN, Christophe

**Session Classification:** Training event

Contribution ID: 7

Type: **not specified**

## **4th course: Applications of scintillators for medical imaging and high energy physics**

*Friday 14 September 2012 10:10 (1h 30m)*

**Author:** TAVERNIER, Stephan

**Presenter:** TAVERNIER, Stephan

**Session Classification:** Training event

Contribution ID: 8

Type: **not specified**

## **5th course: Applications (TEP or Hadron therapy)**



Contribution ID: 9

Type: **not specified**

## Presentation of Marie Curie Projects

*Wednesday 12 September 2012 14:45 (30 minutes)*

**Author:** HEGARTY, Seamus (CERN)

**Presenter:** HEGARTY, Seamus (CERN)

**Session Classification:** Kickoff meeting for PicoSEC students

Contribution ID: **10**

Type: **not specified**

## **Presentation of each participant - second part**

*Wednesday 12 September 2012 16:30 (1h 30m)*

**Session Classification:** Kickoff meeting for PicoSEC students

Contribution ID: 11

Type: **not specified**

## **1st course: Solid state chemistry and crystal growth - second part**

*Thursday 13 September 2012 11:00 (1h 30m)*

**Author:** Dr PETROSYAN, Ashot (Institute for Physical Research)

**Presenter:** Dr PETROSYAN, Ashot (Institute for Physical Research)

**Session Classification:** Training event

Contribution ID: 12

Type: **not specified**

## **3rd course: Factors influencing timing performance of detectors**

*Friday 14 September 2012 08:40 (1 hour)*

**Author:** LECOQ, Paul (CERN)

**Presenter:** LECOQ, Paul (CERN)

**Session Classification:** Training event

Contribution ID: **13**

Type: **not specified**

## Debriefing

*Friday 14 September 2012 13:10 (1h 30m)*

**Session Classification:** Training event

Contribution ID: 14

Type: **not specified**

## The PicoSEC communication project

*Wednesday 12 September 2012 14:30 (15 minutes)*

**Presenter:** GIUFFREDI, Rita (Scuola Int. Superiore di Studi Avanzati (IT))

**Session Classification:** Kickoff meeting for PicoSEC students

Contribution ID: 15

Type: **not specified**

## Training In Munich

*Wednesday 12 September 2012 15:15 (15 minutes)*

**Presenter:** FUERST, Bernhard

**Session Classification:** Kickoff meeting for PicoSEC students