

Session Program

18-22 Sept 2017

**SCINT 2017 - 14th Int. Conference on
Scintillating Materials and their Applications**

Metamaterials

Congress Centre "Le Majestic"
Chamonix (FR)

Wednesday 20 September

11:00

Metamaterials

Session | **Location:** Congress Centre "Le Majestic", Chamonix (FR) | **Convener:** Prof. Martin Nikl

11:00-11:15

First step towards the design of metamaterials combining dense scintillator host with nanocrystals

Speaker

Rosana Martinez Turtos

11:15-11:30

Perspectives On The Future Developments of Nano Scintillators

Speaker

Prof. Shahyar Saramad

11:45-12:00

Comparing BSO and BGO with different surface finishes as cost-effective, hybrid scintillation/Cherenkov detectors for TOF-PET

Speaker

Dr Stefan E Brunner

12:00-12:15

Light spread manipulation in scintillators using Laser Induced Optical Barriers

Speaker

Dr Lisa Bläckberg

12:15-12:30

Photonic crystals slabs applied to inorganic scintillators

Speaker

Matteo Salomoni

12:30