Wednesday 11th of May, 2016

9:00 - 10:00	Registration/Coffee
10:00 - 10:05	Welcome

Session I : Development and Characterisation of Novel Scintillators

10:05 - 10:50**(I)**	Shaping the scintillators: a focus on films and nanoparticles Prof. Christophe Dujardin, Institute of Light and Matter, Lyon.
10:50 - 11:35**(I)**	Application of novel scintillators in Science and Industry Dr. Paul Schotanus, Scionix Holland B.V.
11:35 - 11:55	Composition dependence of luminescence and scintillation properties of LuAG:Ce,Mg optical ceramics Dr. Shuping Liu, Shanghai Institute of Ceramics, Chinese Academy of Sciences.
11:55 - 12:15	Research activity with different types of scintillation materials Dr. Stefan Diehl, 2nd Physics Institute, University of Giessen, Germany.
	Lunch (75 mins) **Poster Session will run from 12:15 to 14:00 on 13/15.**
13:30 - 14:15**(I)**	Optical characterization of ions doped crystalline and glassy matrices operating in hostile environment Dr. Stefania Baccaro, ENEA, Italy.
14:15 - 14:35	High density ceramic scintillators Dr. Jarek Glodo, RMD, USA.
14:35 - 14:55	Brilliant gamma beams for industrial applications: New opportunities, New challenges Dr. Violeta Iancu, ELI-NP, Romania.
14:55 - 15:15	Laser-driven scintillation detectors Dr. Caterina Braggio, INFN/Uni. of Padova, Italy.
	Coffee (25 mins)

Session II : Novel Photosensors and Detection Methods using Scintillators

15:40 - 16:00	Response of GAGG:Ce, LuAG:PR and LYSO:Ce coupled to SiPM. Dr. Bjoern Seitz, University of Glasgow, UK.
16:00 - 16:20	Mixed Analog-Digital processing for energy, time and pulse shape analysis with CLYC scintillator signals. Dr. Stefano Riboldi, INFN-Milan, Italy.
16:20 - 16:40	Recent developments in the simulation of organic scintillation detectors with GEANT4. Mr. Azcel R. García Ríos, CIEMAT, Spain.
16:40 - 17:00	Plastic scintillating fiber wall for heavy ion detection readout by Silicon Photomultipliers Dr. Stefanos Paschalis, Uni. of York, UK.

Close

Thursday 12th of May, 2016

Session III : Novel Scintillators in Nuclear Physics Applications (I)

9:30 - 10:15**(I)** Applications of LaBr3 Gamma-ray Arrays for Nuclear Spectroscopy and Radionuclide Assay.
Prof. Patrick Regan, Uni. of Surrey and NPL, UK

10:15 - 10:35 The Oslo Scintillator Array (OSCAR)
Prof. Sunniva Siem, Uni. of Oslo, Norway.

10:35 - 10:55 Measurement of Fast Neutron Detection Efficiency with 6Li and 7Li Enriched CLYC Scintillators.
Ms. Alice Mentana, INFN-Milan, Italy.

Coffee (25 mins)

Session IV : Novel Scintillators in Medical Applications

11:20 - 12:05**(I)** Recent Advances in SiPM-Based Scintillation Detectors for ToF PET
Prof. Dennis Schaart, Delft Uni. of Tech., The Netherlands.

12:05 - 12:25 Scintillator detectors in proton beam therapy research
Dr. Michael Taylor, Uni. of Manchester/Christie NHS Trust, UK.

12:25 - 12:45 Scintillator Based High Energy X-ray Imager Using 13 Megapixel CMOS MAPS Readout
Mr. Sîon Richards, STFC, UK.

Group photo/Lunch (75 mins)

Session III : Novel Scintillators in Nuclear Physics Applications (II)

14:00 - 14:45**(I)** Measurement of collective states with scintillators
Prof. Franco Camera, INFN-Milan, Italy.

14:45 - 15:05 Next-generation gamma-ray detectors for nuclear physics based on large scintillators coupled to silicon photomultipliers
Prof. David Jenkins, Uni. of York, UK.

15:05 - 15:25 Investigation of fast neutron spectroscopy capability of 7Li and 6Li enriched CLYC scintillator for nuclear physics experiments.
Dr. Agnese Giaz, INFN-Milan, Italy.

15:25 - 15:45 Perspectives for photonuclear reaction studies at Extreme Light Infrastructure - Nuclear Physics (ELI-NP) facility with scintillation detectors array.
Dr. Jasmeet Kaur, ELI-NP, Romania

Conference Meal: 19:00

Friday 13th of May, 2016

Session V : Novel Scintillators in Astrophysical and Geophysical Applications

10:00 - 10:45**(I)** Applications for New Scintillator Technologies in Gamma-Ray Astronomy
Prof. Mark McConnell, Uni. of New Hampshire, USA.

10:45 - 11:05 Gamma-ray interaction point reconstruction in thick monolithic scintillators
Dr. Alexey Uliyanov, University College Dublin, Ireland.

11:05 - 11:25 Space-based Scintillator Observations with CubeSats
Dr. Michael Briggs, Uni. of Alabama, Huntsville, USA.

Coffee (25 mins)

11:50 - 12:10 Development of Glass-ceramic Scintillators for Gamma-ray Astronomy
Dr. Dáithí deFaoite, University College Dublin, Ireland.

12:10 - 12:30 The Technology and Concept of the THESEUS/XGS instrument
Dr. Fabio Fuschino, INAF-IASF Bologna, Italy.

12:30 - 12:50 Gamma Efficiency Simulations for Coincident Fusion Cross Section Measurements
Dr. Marcel Heine, IPHC/CNRS Strasbourg, France.

Lunch (75 mins)

Session VI : Novel Scintillators in Security and Dosimetry Applications

14:05 - 14:25 Scintillators and cherenkov detectors for the registration of 10.8 MeV gamma rays
Dr. John McMillan, Uni. of Sheffield, UK.

14:25 - 14:45 Neutron-Gamma Discrimination Via PSD Plastic Scintillator and SiPMs
Dr. Matthew Taggart, Uni. of Surrey, UK.

14:45 - 15:05 A comparison of emerging gamma detector technologies for airborne radiation monitoring
Dr. Steven Bell, NPL, UK.

15:05 - 15:15 Closing of the Workshop

Posters:

Imaging and location of fast neutron emissions by real-time time-of-flight
Dr. Vytautas Astromskas, Uni. of Lancaster, UK.

Scintillating fibres beam profile monitor for the experimental areas of the SPS at CERN
Mr. Inaki Ortega, CERN, Switzerland.

LaBr3:Ce and CeBr3 detector performances in high magnetic fields for the SpecMAT detector
Mr. Oleksii Poleshchuk, KU Leuven, Belgium.

Characterisation of nano-crystalline glass-ceramic scintillator materials
Dr. Isaac Tobin, University College Dublin, Ireland.

Optical Fibre Luminescence Sensor for Real-time LDR Brachytherapy Dosimetry
Mr. Peter Woulfe, Uni. of Limerick, Ireland.

Positron Detector System with Micro-fluidic Chip
Ms. Rubena Yusoff, Uni. of York, UK.