

## **Session Program**

**26-30 Sept 2022**



# **XVI Workshop on Resistive Plate Chambers and Related Detectors**

## ***New detector applications***

CERN, 500/1-001 - Main Auditorium

# Tuesday 27 September

17:15



18:15

**New detector applications: Part I**  
**Session** | **Location:** CERN, 500/1-001 - Main Auditorium | **Convener:** Rinaldo Santonico

17:15-17:40

**Glass multi-gap RPCs for gamma-ray inspection**  
**Speaker**  
Kyong Sei Lee

17:40-18:05

**A Large-Area RPC Detector for Muon Tomography**  
**Speaker**  
Joao Pedro De Carvalho Saraiva

# Wednesday 28 September

14:00

## New detector applications: Part II

**Session** | **Location:** CERN, 500/1-001 - Main Auditorium | **Convener:** Alberto Blanco

14:00-14:25

### Study of time resolution of MRPC for cosmic rays and 0.511MeV photons

**Speaker**

Jianing Liu

**Location**

CERN, 500/1-001 - Main Auditorium

14:25-14:50

### Muon tomography with resistive plate chambers for geological characterization

**Speaker**

Raul Sarmento

**Location**

CERN, 500/1-001 - Main Auditorium

14:50-15:15

### An RPC-PET brain scanner: first results

**Speaker**

Prof. Paulo Fonte

**Location**

CERN, 500/1-001 - Main Auditorium

15:15-15:40

### A new readout scheme of reading out RPC and gaseous detectors

**Speaker**

Imad Laktineh

**Location**

CERN, 500/1-001 - Main Auditorium

15:40-16:05

### Use of pads-based readout RPC for home security applications

**Speaker**

Imad Laktineh

**Location**

CERN, 500/1-001 - Main Auditorium

16:05-16:25

### Coffee break

16:25