

## **Session Program**

**12-17 Sept 2021**

# **PSD12: The 12th International Conference on Position Sensitive Detectors**

***Applications in Nuclear Physics and Nuclear  
Industry; X-ray and Gamma Ray Detectors 1;  
Medical Applications of Position Sensitive  
Detectors 2***

University of Birmingham, Teaching and Learning Building  
Edgbaston Campus University of Birmingham B15 2TT UK

## Tuesday 14 September

14:10

### Applications in Nuclear Physics and Nuclear Industry; X-ray and Gamma Ray Detectors 1; Medical Applications of Position Sensitive Detectors 2

**Session** |

**Location:** University of Birmingham, Teaching and Learning Building, Edgbaston Campus University of Birmingham B15 2TT UK |

**Conveners:** Konstantin Stefanov, Paul Richard Newman

14:10–14:35

#### Applications in Nuclear Physics and Nuclear Industry (in-person)

**Speaker**

Carl Wheldon

**Location**

in-person

14:40–14:55

#### Development of muon scattering tomography for a detection of reinforcement in concrete

**Speaker**

Magdalena Dobrowolska

**Location**

University of Birmingham, Teaching and Learning Building, Edgbaston Campus University of Birmingham B15 2TT UK

15:00–15:15

#### Proton CT application in X-CT calibration for treatment planning in proton therapy

**Speaker**

Monica Scaringella

**Location**

University of Birmingham, Teaching and Learning Building, Edgbaston Campus University of Birmingham B15 2TT UK

15:20–15:35

#### Characterization of a large LGAD sensor for proton counting in particle therapy

**Speaker**

Oscar Ariel Marti Villarreal

**Location**

University of Birmingham, Teaching and Learning Building, Edgbaston Campus University of Birmingham B15 2TT UK

15:40