

**Session Program**

Sep 12 - 17, 2021

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

***Medical Applications of Position Sensitive  
Detectors 1***

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

# Mon, September 13

4:15 PM

## Medical Applications of Position Sensitive Detectors 1

**Session** |

**Location:** University of Birmingham, Teaching and Learning Building, Edgbaston Campus University of Birmingham

**Co-Chairs:** Tony Price, Konstantin Stefanov

4:15 - 4:40 PM

### Medical Applications of Position Sensitive Detectors

**Speaker**

Prof. Reinhard Schulte

4:45 - 5:00 PM

### MONOLITH - pico-second time-stamping in fully monolithic highly-granular pixel sensors

**Speaker**

Magdalena Munker

5:05 - 5:20 PM

### Position sensitive detectors in proton therapy: online monitoring of the beam position

**Speaker**

Robert Michael Schäfer

5:25 - 5:40 PM

### Upstream MLC leaf position detection in complex radiotherapy fields

**Speaker**

Mr Jordan Pritchard

5:45 - 6:00 PM

### LGAD-based detectors for monitoring therapeutic proton beams

**Speaker**

Dr Anna Vignati

6:05 PM