

Session Program

Sep 12 - 17, 2021

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

***Applications in Astro-particle Physics;
Applications in Astronomy, Planetary and
Space Science 2***

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

Wed, September 15

11:00 AM

Applications in Astro-particle Physics; Applications in Astronomy, Planetary and Space Science 2

Session |

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

Organisers: Philip Patrick Allport, Martin Freer

11:00 - 11:25 AM

Applications of Astro-particle Physics Position Sensitive Detectors

Speaker

Robert Johnson

Location

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

11:30 - 11:45 AM

Charge-to-light signal conversion in liquid xenon for future TPC detectors

Speaker

Fabian Kuger

Location

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

11:50 AM - 12:05 PM

Towards the first observation of the Migdal effect in nuclear scattering I. Design and construction of the MIGDAL experiment (in-person)

Speakers

Mohammad Nakhostin, Tom Neep

Location

in-person

12:10 - 12:25 PM

Directional Dark Matter Search with NEWSdm

Speakers

Andrey Alexandrov, Andrey Alexandrov

Location

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

12:30 - 12:45 PM

The CMOS pixel sensors particle tracker for the CSES-02 space experiment

Speaker

Stefania Beole

Location

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12:50 PM