

Session Program

12-17 Sept 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

Wednesday 15 September

11:00

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 B15 2TT UK |

Conveners: Philip Patrick Allport, Martin Freer

11:00–11:25

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

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

11:50–12:05

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

Directional Dark Matter Search with NEWSdm

Speakers

Andrey Alexandrov, Andrey Alexandrov

Location

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12:30–12:45

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

Speaker

Stefania Beole

Location

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12:50