

Session Program

4-6 Feb 2026



CAMK Annual Meeting 2026

AstroCENT

Bartycka 18

Thursday 5 February

11:35

AstroCENT

Session | **Location:** Bartycka 18 | **Convener:** Krystian Iłkiewicz

11:35–11:40 **Axion Dark Matter in Nonstandard Cosmologies**

Speaker

Leszek Roszkowski

11:40–11:45 **Quantum Computing and Data Science @ CAMK PAN**

Speaker

Prof. Piotr Gawron

11:45–11:50 **Novel optical amplification structures for rare-event searches**

Speaker

Pedro Silva

11:50–11:55

Dark matter search with liquid argon, and the new MAB Astrocent project

Speaker

Marcin Kuźniak

11:55–12:00

Development of the Most Sensitive Dark Matter Detector with Liquid Argon

Speaker

Azam Zabihi

12:00–12:05 **Cryogenic testing of DarkSide-20k veto photodetector units**

Speaker

Samuel Belayneh Habtemariam

12:05–12:10 **Experimental Dark Matter searches: DarkSide-20k and NEMESIS**

Speaker

Aheesh Hegde

12:10–12:15 **Single electron backgrounds in dark matter searches**

Speaker

Masayuki Wada

12:15–12:20 **Study on low energy events in liquid argon for dark matter searches**

Speaker

Clea Sunny

12:20–12:25 **Fantastic neutrinos and how to find them.**

Speaker

Dr Piotr Kalaczyński

12:25–12:30 **Neutrinos and dark matter seen through weak lensing**

Speaker
Sebastian Trojanowski

12:30-12:35

Production and characterization of novel optical amplification structures

Speaker
Diego Rodas Rodríguez

12:35-12:40

Progress in the modernisation of seismic sensors at VIRGO

Speaker
Mariusz Suchenek

12:40-12:45

Supermassive charged gravitinos at DEAP-3600

Speaker
Michał Olszewski

12:45-12:50

Probing the Early Universe with Gravitational Waves

Speaker
Marek Lewicki

12:50-12:55

Cosmology on the shoulders of Giants

Speaker
Mx Michał Chodorowski

12:55