

Session Program

4-9 Oct 2026

DASH/IHDEA 2026

Session 1

Monday 5 October

09:40

Session 1: General Session 1

Session | **Location:** Royal Irish Academy of Music, 36-38 Westland Row, Dublin D02 WY89

09:40–09:55

SSTrack: An Automatic Sunspot Identification and Tracking Algorithm to Support the Measurement of Sunspot Rotation

Speaker

Charlotte Proverbs

09:55–10:10

Principal Component Analysis for In-Production Coronagraphic Calibration

Speaker

Sam Van Kooten

10:10–10:25

Characterizing Aviation Radiation Exposure Using Machine Learning and In-Flight Cosmic-Ray Muon Measurements

Speakers

Mr Sanjib K C, Dr Viacheslav Sadykov

10:25–10:40

Scientists need help selecting data-model comparison metrics: please embed this guidance in the analysis software

Speaker

Michael Liemohn

10:40