

Session Program

4-9 Oct 2026

DASH/IHDEA 2026

Poster Session

Tuesday 6 October

16:00

Poster Session

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

16:00–17:30 **LISIRD: Discover, Visualize, and Download Solar Data on the Web**

Speaker

Hunter Leise

16:00–17:30 **Improved access of MLSO data via API**

Speaker

Michael Galloy

16:00–17:30 **Heliodata: A Unified Platform for Heliophysics Research Data**

Speakers

Olawale Jaiyeola, Bryan Stephenson, Zach Boquet

16:00–17:30 **Running a Science Cloud without being a Cloud Expert**

Speaker

Peter Shumate

16:00–17:30

Gas-giant plasma interchange and the need for robust, multimodal identification of variable plasma signatures

Speaker

Alexandra Roosnovo

16:00–17:30

Station-Resolved Analysis of Solar-Wind Coupling in SWMF Ground Magnetometer Simulations

Speaker

Gergely Koban

16:00–17:30 **Lessons learned from an operational heliophysics modelling pipeline**

Speaker

Nikolett Biro

16:00–17:30

Data Availability Statements: The Inclusion of Available Code and Software in JGR: Space Physics Articles

Speaker

Stephanie Colón Rodríguez

16:00–17:30

Modernising ESA Science Archives: Towards a unified ecosystem of reusable tools and interfaces.

Speaker

Mr Jonathan Cook

16:00–17:30

Automated Multi-Wavelength Detection and Characterization of Solar Activity Features Using Kodaikanal Observatory Data**Speaker**

Ms Hanshika Jain

16:00–17:30

AI-Assisted FinOps: Continuous Cost Monitoring and Optimization for Multi-Account NASA Heliophysics Science Division Cloud Infrastructure**Speakers**

Jeffery Bradford, Omar Shalaby

16:00–17:30

Automated Classification of Heliophysics Instrument Data Usage Using Large Language Models**Speaker**

Alexander Warder

16:00–17:30

SOLER Open-Source Python Tools for the Analysis of Energetic Solar Eruptions**Speaker**

Jan Gieseler

16:00–17:30

SPEARHEAD Tools for High-Energy Particle Data Analysis**Speaker**

Jan Gieseler

16:00–17:30

The SciQLop ecosystem: a layered open-source stack for in-situ heliophysics data**Speaker**

Alexis Jeandet

16:00–17:30

Staying Up to Date with Cloud Infrastructure**Speaker**

Nicholas Lenzi

16:00–17:30

Plot Walk: Browsing 50 Years of Pre-Generated Heliophysics Plots**Speaker**

Eric Grimes

16:00–17:30

I-ALiRT Cloud Architecture and International Ground Station Integration**Speaker**

Laura Sandoval

16:00–17:30

A New System to Categorize Mission Data at HDRL**Speaker**

Rebecca Ringuette

16:00–17:30

Towards Open Science: Open Data Practices of the Chinese National Space Science Data Center (NSSDC)

Speakers

Qi XU, Mr xin xu

16:00–17:30

Making Sense of Heliophysics Metadata for Legacy Datasets

Speaker

Jim Lewis

16:00–17:30

The Virtual Solar Observatory 2.0: New APIs, SunPy Integration, and TAP Access

Speaker

Dr Ed Mansky

16:00–17:30

The Virtual Solar Observatory 2.0: Connecting Heliophysics Data, Metadata, Services, and Users

Speaker

Alisdair Davey

17:30