

Session Program

4-9 Oct 2026

DASH/IHDEA 2026

Session 2

Monday 5 October

11:00

Session 2: AI Session 1 (Discovery & Metadata)

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

11:00-11:15 **Linking Heliophysics Publications to Mission Data**

Speakers

Aidan Scharnikow, Mr Anthony Buonomo

11:15-11:30

Toward DOI-Based Mission Impact Tracking: An LLM Agent for SPASE Authorship Metadata

Speaker

Dr Disha Sardana

11:30-11:45

An LLM-Agent Framework for Intelligent Scientific Data Discovery and Analysis at the National Space Science Data Center

Speaker

Fuli Ma

11:45-12:00

From Data Discovery to Idea Discovery: Papers, Workflows, and Agents as a New Layer for Madrigal

Speaker

Enrique Rojas Villalba

12:00-12:15

Semantic Applications of Madrigal Data

Speaker

Ryan Cavanaugh

12:15-12:30

LLM-Assisted Instrument Discovery in the Virtual Solar Observatory

Speaker

Kaushal Patel

12:30