

Session Program

4-9 Oct 2026

DASH/IHDEA 2026

Session 8

Wednesday 7 October

11:00

Session 8: Agentic AI and LLM Applications in Heliophysics

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

11:00-11:15 **Democratizing Heliophysics Research with AI Agents**

Speaker
zesen huang

11:15-11:30 **Large Language Models as Heliophysics Software Development Tools**

Speaker
Jim Lewis

11:30-11:45 **Bringing AI-assisted Coding to HelioCloud with Jupyter AI**

Speaker
Lisa Knowles

11:45-12:00 **Creating AI Agents for PyHC with Claude Code, Codex, and Beyond**

Speaker
Shawn Polson

12:00-12:15
Agentic LLM workflows inside SciQLop: data, literature, and the verification practices they require

Speaker
Alexis Jeandet

12:15-12:30 **Agentic Fault Analysis for CCMC ROR Simulations**

Speaker
Jack Topper

12:30