

Session Program

4-9 Oct 2026

DASH/IHDEA 2026

Session 7

Wednesday 7 October

09:40

Session 7: Science and Mission Planning Tools for Space Weather and Human Exploration

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

09:40-09:55 **CCMC Tools to Enhance Scientific Analysis**

Speaker
Darren De Zeeuw

09:55-10:10
End-to-End Software Suite for Space Weather Sub-L1 Multi-Spacecraft Mission Planning and CME Early Warning

Speaker
Daniele Telloni

10:10-10:25
Designing and Implementing a Reusable Multi-Mission Timeline Framework

Speaker
Ryan Timmons

10:25-10:40
DOFCAT: An Optical Flow Tool for Multi-Coronagraph CME Velocity Mapping and Physics-Driven Automated Detection

Speaker
Pritam Das

10:40