

## **Session Program**

**7-12 Jun 2026**



# **HEAVYMETAL VI: Consortium Meeting Summer 2026**

## ***Talks***

McDonald Forest Hills  
Kinlochard, Aberfoyle, Stirling FK8 3TL, UK

# Monday 8 June

11:10

## Talks: R-process and merger simulations

**Session** | **Location:** McDonald Forest Hills, Kinlochard, Aberfoyle, Stirling FK8 3TL, UK | **Convener:** Aayush Arya

**11:10-11:45** **End-to-end modelling of kilonovae**

**Speaker**

Sanjana Curtis

**11:45-12:05**

**Systematic Analysis of Dynamical Ejecta Properties and Nucleosynthesis in Binary Neutron Star Mergers**

**Speaker**

Vimal Vijayan

**12:05-12:25**

**A Data-Driven Model for r-Process Production Patterns**

**Speaker**

Zewei Xiong

12:25

14:15

## Talks: Merger Simulations

**Session** | **Location:** McDonald Forest Hills, Kinlochard, Aberfoyle, Stirling FK8 3TL, UK

**14:15-14:50**

**Low- $T/|W|$  instabilities in differentially rotating neutron stars**

**Speaker**

Georgios Lioutas

**14:50-15:10**

**End-to-end neutron-star merger models**

**Speaker**

Oliver Just

**15:10-15:30**

**Fluctuations in binary neutron star merger simulations**

**Speaker**

Christian Schwebler

15:30