Session Program

2–6 Nov 2026

Nuclear Data Week 2026

Fusion Minisymposium

Building 101 (SUSC), Room 123

Tuesday 3 November

09:30

Fusion Minisymposium

Session | **Location:** Building 101 (SUSC), Room 123

09:30–09:40 **Welcome**

Speakers
David Brown, Simerjeet K Gill

09:40–10:00 **Virtual National Fusion Laboratory**

Speakers
Dr Arthur Pak, Dr John Edwards

10:00–10:20
Evaluation of Flux- and Depletion-Based Methodologies for Tritium Breeding Ratio Prediction: Implications of 7Li Nuclear Data Processing

Speaker
Dr Cihang Lu

10:20–10:40
Reliability-Based Nuclear Data Prioritization for Fusion: Initial Results for the Fusion Nuclear Science Facility (FNSF)

Speaker
Dr Enrique Miralles-Dolz

10:40–11:00 **Quasidifferentiable neutron scattering on fusion materials**

Speaker
Julian Driebeek

11:00–11:20 **Break**

11:20–11:40
Sensitivity Analysis and Uncertainty Quantification for Nuclear Data Prioritization

Speaker
Dr Bamidele Ebiwonjumi

11:40–12:00 **LIBRTI: a tritium breeding technology test-bed for fusion**

Speaker
Dr Mark Gilbert

12:00