

## **Session Program**

**29-31 Jul 2026**

# **PSDI & Royce Materials Data Summit**

## ***Invited talks***

Nancy Rothwell Building, University of Manchester, Manchester, UK, 2B.020  
Nancy Rothwell Building, The University of Manchester, Oxford Road, Manchester, M13 9PL

# Thursday 30 July

11:25

## Invited talks: Thursday session 1

**Session** |

**Location:** Nancy Rothwell Building, University of Manchester, Manchester, UK, 2B.020, Nancy Rothwell Building, The University of Manchester, Oxford Road, Manchester, M13 9PL

11:25–11:55 **Introduction to the Physical Sciences Data Infrastructure**

**Speaker**

Brian Matthews

11:55–12:25

**Introduction to segmenting TEM images via machine learning and synthetic data**

**Speaker**

Andrew Stewart

12:25–12:55

**Large Language Model Agents for Materials Research Workflows**

12:55

15:40

## Invited talks: Thursday session 2

**Session** |

**Location:** Nancy Rothwell Building, University of Manchester, Manchester, UK, 2B.020, Nancy Rothwell Building, The University of Manchester, Oxford Road, Manchester, M13 9PL

15:40–16:10 **TBA**

**Speaker**

Christoph Eberl

16:10–16:40 **TBA**

**Speaker**

Samantha Pearman-Kanza

16:40

# Friday 31 July

10:55

## Invited talks: Friday session 1

**Session** |

**Location:** Nancy Rothwell Building, University of Manchester, Manchester, UK, 2B.020, Nancy Rothwell Building, The University of Manchester, Oxford Road, Manchester, M13 9PL

10:55–11:20

### (StC) Digital transformation at Royce

**Speaker**

Stuart Kitney

11:20

11:50

## Invited talks: Friday session 2

**Session** |

**Location:** Nancy Rothwell Building, University of Manchester, Manchester, UK, 2B.020, Nancy Rothwell Building, The University of Manchester, Oxford Road, Manchester, M13 9PL

11:50–12:20

**TBA**

**Speaker**

Robert Quarshie

12:20–12:50

**TBA**

**Speaker**

Jesper Friis

12:50

15:00

## Invited talks: Friday session 3

**Session** |

**Location:** Nancy Rothwell Building, University of Manchester, Manchester, UK, 2B.020, Nancy Rothwell Building, The University of Manchester, Oxford Road, Manchester, M13 9PL

15:00–15:30

**TBA**

15:30–16:00

### ICAT: metadata cataloguing for scientific facilities

**Speaker**

Patrick Austin

16:00