



UK Catalysis Hub & Irish Catalysis Society

Joint Workshop

19th June 2026

Pickavance Theatre, Rutherford Appleton Laboratory, Harwell Campus

09:30

Session 1

Chair:

Dr Leila Negahdar, University College Dublin

10.00 -10.05

Welcome & Introduction

Visitor Centre (Building R112)

Pickavance Theatre (Building R22)

Prof. Richard Catlow, Cardiff University/
University College London

10.05 -10.35

Dr. Abdullah Al Abdulghani,
University College Dublin

Thermal catalysts in transient states: case studies in probing reaction mechanisms

10.35 -11:05

Prof. Ifan Stephens, Imperial College London

Towards efficient electrochemical nitrogen reduction?

11.05 -11:35

Dr. Pau Farras, University of Galway

Different catalytic pathways for different challenges, combining electro, photo and bioelectrocatalysis for technical solutions

11:35 -12:05

Prof. Haresh Manyar, Queen's University Belfast - *Virtually*

From Carbon to Hydrogen: Designing Viable Pathways for Glycerol Valorisation

12:05 -12:50

LUNCH FOYER (Visitor Centre R112)

Session 2

Chair:

Prof. Richard Catlow, Cardiff University/ University College London

Pickavance Theatre (Building R22)

12:50-13:20

Prof. Laurie King, Manchester Metropolitan University

Advanced catalyst design and characterisation for sustainable electrochemical technologies

13:20-13:50

Dr. Tobias Krämer, Trinity College Dublin

Electronic Structure and Reactivity of Low-Valent Group 13 Compounds

13:50-14:20

Dr. Rebecca Ruscoe, Keele

Biocatalytic Cascades

14:20-14:50

Dr. Veronica Sofianos, University College Dublin

Modulating the bimetallic ratio of amorphous nickel-manganese MBenes for direct seawater electrolysis

14:50- 15:15

COFFEE BREAK (Visitor Centre R112)

15:15-15:45

Dr. Alberto Roldan, Cardiff University

Turning Farm Waste into Clean Energy

15:45-16:15

Dr. Bar Mosevitzky Lis, University of Limerick

Deciphering the surface-bulk dynamics of select bulk mixed oxide and supported metal oxide catalysts via NAP-XPS

16:15-16:40

Dr. Christopher Parlett, Manchester

Biofuel production by catalytic cascades over multifunctional materials

16:40-17:10

Panel Discussion

17:10

Close