



UK MBE Working Party Meeting 2026
15th and 16th April

Wednesday 15th

19:00 - 22:30 **Dinner at Crausaz Wordsworth Building, Robinson College, Adams Road, Cambridge, CB3 9AD**
(pre-registered only)

Thursday 16th

Ray Dolby Centre, Cavendish Laboratory
JJ Thomson Avenue, Cambridge, CB3 0US

09:00 - 09:20

Registration

09:20 - 09:30

Welcome to Cambridge and the RDC

Dave Ellis, University of Cambridge

09:30 - 09:50

High gain InAs/GaAs QD laser with 25 nm thin spacer

Hexing Wang, UCL

09:50 - 10:10

Development of Interband Cascade LEDs: An update on our current progress and technical milestones

Pallavi Patil, National Epitaxy Facility, University of Sheffield

10:10 - 10:30

From Monitoring to Autonomous Growth: AI-Driven Process Control for GaN MBE

Faebian Bastiman, Bizmuth MBE

10:30 - 11:10

Coffee break and exhibition

11:10 - 11:30

Update on Bismide surface studies

Rob Richards, University of Sheffield

11:30 - 11:50

MBE Growth of III-V and III-V/Ge Nanowires

Ziyue Yin, UCL

11:50 - 12:10

Demonstration of Barium Titanate on 300 mm silicon wafers for photonic and quantum applications

Martyn Green, DCA Instruments Oy

12:10 - 13:10

Lunch and exhibition

13:10 - 13:30

TBD

Gavin Bell, University of Warwick

13:30 - 13:50

Update on new MBE cluster tool at National Epitaxy Facility

Edmund Clarke, National Epitaxy Facility, University of Sheffield

13:50 - 14:10

Aluminium Josephson Junctions by MBE

Pierre-Alexis Le Gô, Riber SA

14:10 - 14:50

Coffee break and exhibition

14:50 - 15:10

Progress on the MBE moves into the RDC

Ben Ramsay, University of Cambridge

15:10 - 15:30

General Discussion Session - Upcoming conferences, meetings etc

15:30 - 15:45

Venue of next meeting and meeting close

15:45 - 16:45

Tours of the laboratories