

UK Semiconductor Services Roadshow – Bristol Engine Shed 1st June 2026

Day Schedule –

Each talk describes the services available at each stage in the product development, test, Qualification and manufacturing value process. Starting at 1st Silicon and finishing with PCBa production.

Session 1 “Chips” – Design to Qualified Packaged Device Sales

10:00 KickOFF - Intro to the day – plus each Company profile

10:15 “SIMS Analysis for Quality Control”

Dr. Mike Petty - Loughborough Surface Analysis LSA

10:35 “FIB IC Nano-Surgery for proving and de-risking metal mask changes on 1st Silicon”

Lloyd Peto - NanoScope Services Ltd.

10:55 “Advanced packaging for a wide spectrum of applications including RF, 2.5/3D, Medical, Compound and High-Bond-Count(AI) for quantities from 10 to 500K/pa is available right here in the UK”

James Cotty – Custom Interconnect Ltd.

11:15 “A look into semiconductor reliability test planning and how this impacts device lifetime expectancy.”

Aidan Hill – Reltech Ltd.

11:35 “Packaging Photonics: Will the fibre still be aligned at Cryo temperatures? and other edgy asks on the road to the production volume Quantum computer.”

Jonathan Ironside-Smith – Bay Photonics

12:20 LUNCH and Networking

13:05 NMI partner intro (short) – Jillian Hughes

13:10 IMAPS partner intro (short) – Stephen Riches

13:15 Other partner intro (short)

13:20 “A brief introduction to TLP testing for device protection structure characterisation at package, die or wafer level.”

Carl Simon – Phasix Ltd.

13:40 “Failure Analysis of devices in packaged parts plus support for R&D Reliability testing”

Lloyd Peto – NanoScope Services Ltd.

14:00 “Surface Analysis for Troubleshooting Packaging Issues”

Dr. Mike Petty Loughborough Surface Analysis LSA

14:20 COFFEE and Networking

14:40 “ESD/LU testing on packaged parts for look ahead, formal qualification and debug to help customers understand failure mechanisms “

Carl Simon – Phasix Ltd.

Session 2 “Devices to PCB/Systems” – Qualified parts to Test Boards to Production Systems

15:00 “From quick turn small lot IC test-boards to full production QA compliant Automotive product systems, how CIL is driving the most advanced PCBa manufacturing in the UK”

Craig Seymour – Custom Interconnect Ltd.

15:20 “Data monitoring during qualification, where the market is heading.”

Aidan Hill – Reltech Ltd.

15:40 “Analysing interconnect failures in complex packaging by combining Laser, mechanical and multiple FIB preparation techniques”

Lloyd Peto – NanoScope Services Ltd.

16:00 Audience feedback round the room.

Next Roadshow location? [Vote here.](#)

Roadshow format improvements? – additional elements?

NEW service capability requests from customers to any provider?

16:10 Final comments and thanks.

16:15 Meeting close

VISTORS - FOR CONFIDENTIAL CONSULTANCY SLOTS in the private booth next door – please register a time slot with Janine.