

Technical Programme

ORGANISER



THURSDAY, 16 OCTOBER

Vacuum Systems, Optical Thin Films and High Performance Optics

SPONSOR



leading into Exhibitor Presentations on topical subjects.

To be held within the exhibition halls, meeting room 2.

ATTENDANCE IS FREE

A programme of seminars by Enlighten, with thanks to the exhibitors.

PROGRAMME

SESSION 1: VACUUM SYSTEMS, OPTICAL THIN FILMS & HIGH PERFORMANCE OPTICS

- 10:40am** Real-time thin film thickness measurement
Simon Hicks, Intellevation
-
- 11:00am** Thin film deposition by high target utilisation sputtering.
Steve Wakeham, Plasma Quest Ltd
-
- 11:20am** Surface modification by 3D Nano Coatings - easy to clean and scratch resistant.
Andreas Schwender, Cotec GmbH
-
- 11:40am** Sputter solutions for mass production of high performance optical coatings.
Patrick Biedermann, Evatec Process Systems BV
-
- 12.00noon** HELIOS sputtering tool - Solution for challenging optical filter designs.
Michael Scherer/Manager R&D, Optical Coating Technology, Leybold Optics GmbH
-
- 12.30pm** High performance thin film polarisers
Helmut Kessler/General Manager - Europe, CVI Melles Griot

SESSION 2: EXHIBITOR PRESENTATIONS

- 1:30pm** Holographic photolithography for 3D interconnection
Gavin Williams, Universities of Sheffield and Durham
-
- 2:00pm** OEM diode lasers for photonics: trends and applications
Thomas Renner, TOPTICA Photonics AG
-
- 2:30pm** High accuracy spectroscopy of optical components in the UV, Visible, near and mid IR
Steve Upstone, Principal UV/Vis/NIR Spectroscopy Specialist
PerkinElmer UK
-
- 2:50pm** High speed nanositioners and constant focus system
Samuel Choblet, Optophase (Mad City Labs's European Representative)
-
- 3:10pm** Hybrid avalanche photodiodes
Chris Varney, Laser Components