

WORKSHOP

OPTICAL PROCESS CONTROL & MONITORING IN THIN FILM PRODUCTION

FRAUNHOFER FEP
DRESDEN, GERMANY
30 MARCH 2023, 9 AM - 4PM

[REGISTER](#)

Multi-modal combination of high-speed X-ray diffraction (XRD) and reflectivity (XRR) methods with hyper-spectral imaging (HSI) technology for nano-scale in-line and large-area quality control and process development of thin film materials.



AGENDA

**FRAUNHOFER FEP
DRESDEN, 30 MAR 2023**

CONTACT US

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| 09:00 – 09:30 | Doors open and Coffee |
| 09:30 – 09:45 | Welcome by FEP |
| 09:45 – 10:10 | New Developments in Hyperspectral Imaging Fraunhofer IWS, Norsk Elektro Optikk AS |
| 10:10 – 10:35 | HSI in large-area R2R vacuum thin-film processing Fraunhofer FEP |
| 10:35 – 11:00 | Coffee break |
| 11:00 – 11:20 | Combined XRR and HSI for atomic layer deposition Fraunhofer IAP |
| 11:20 – 11:40 | X-ray Solutions for Thin-film Applications Bruker AXS |
| 11:40 – 12:10 | Panel Discussion and Q&A Moderated by Dr. John Fahlteich (KETmarket GmbH.) |
| 12:10 – 13:30 | Lunch & Networking |
| 13:30 – 14:00 | Live Demo: Hyperspectral Imaging of thin-films Norsk Elektro Optikk AS |
| 14:00 – 14:30 | To be confirmed |
| 14:30 – 15:00 | To be confirmed |
| 15:00 – 15:30 | Coffee break |
| 15:30 – 16:30 | Several Tour Options - FEP campus Parallel Networking & Exhibition |
| 16:30 | End & Drinks |