

TopMap Day

Workshop for Surface Metrology
& Vibration Analysis


28th of May 2025
9 am - 5 pm
at University of
Huddersfield

Workshop topics

Find the workshop agenda
on the next page.

Theory & practice

Expert talks from research & industry,
Hands-on workshop and how-to

- Dive into **White-light Interferometry**
for large area 3D Topography Characterisation
- Learn about **Laser Doppler Vibrometry**
for non-contact Analysis of Acoustics & Dynamics

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Workshop agenda

- 09.00 Reception of participants
- 09.25 Welcome to the University of Huddersfield
Dr. Cristian Young – EPSRC Metrology Hub Manager, University of Huddersfield
Chris Howe – Managing Director Polytec Ltd
- 09.30 3D Surface Metrology of Metal Additive Manufactured Parts
Professor Liam Blunt
- 10.00 When does Roughness become Shape?
Standardisation, 2D & 3D Measurements
Joe Armstrong – Surface Metrology group, Polytec GmbH - Germany
- 10.45 Coffee break
- 11.00 Digital Twinning of Mechanical Systems including Valves
Professor Rakesh Mishra
- 11.30 Introduction of Laser Doppler Vibrometers and
White-light Interferometer systems
Darren Harper – Vibration Measurement group, Polytec Ltd
- 12.30 Lunch
sponsored by Polytec Ltd
- 14.00 Hands-on measurements
with Polytec optical measurement technology
- 17.00 End of workshop



Register now