

3D Optical Roughness Metrology for Large Medical & Industrial Parts featuring Bruker's NPFLEX Profiler

Tuesday, July 13, 2021 | 14:00- 15:15 (CEST)



Join us for a virtual workshop on **Advanced 3D Optical Roughness Metrology featuring Bruker's NPFLEX 3D Optical Profilometer**. The NPFLEX enables non-contact, 3D surface characterization of large industrial parts, orthopaedic medical implants and samples with complex geometries.

Highlights of the workshop will include:

- 3D measurement of roughness and shape, from the sub-nanometer to micron scale
- How to measure large industrial parts and samples with complex geometries and a volume of up to 300x300x300mm³
- How to measure inside a cylinder
- Performing roughness measurements with white light interferometry (WLI)

Applications for the NPFLEX system include quantification of wear and corrosion as well as measurements on:

- Aerospace, automotive and precision machining components
- Additive manufacturing
- Gears, dynamic bearings and seals
- Turbine blade Camshafts
- Hip, spine and femoral Implants

Program

14:00 Opening and Moderation

Carmen Pettersson, Marketing Manager EMEA

14:05 An introduction to the NPFLEX 3D Optical Profilometer: Technique principle, unique features and capabilities of the system

Emmanuel Paris, Sales Manager EMEA

14:30 Live Demonstration on the NPFLEX

Dr Udo Volz, Applications Engineer

14:45 Applications using the NPFLEX

Emmanuel Paris

14:55 Live Demonstration

Dr Udo Volz, Applications Engineer

15:10 Q&A and Closing

Boumedienne Boudjelida, Sales Manager EMEA

Please don't hesitate to contact us at productinfo.emea@bruker.com if you have any questions.