

Fringe 2009

Veranstaltung - Fringe 2009 ↗

Titel	Fringe 2009
Wann	Mo, 14. September 2009 - Mi, 16. September 2009

Beschreibung

Fringe 2009

Unser Mitglied ITO - das Institut für Technische Optik der Universität Stuttgart veranstaltet die Fringe - eine Konferenz im vierjährigen Turnus, die im Bereich der optischen Messtechnik auch für internationale Interessenten recht interessant ist.

Topics of particular interest for the 6. Workshop are:

- New Methods and Tools for the Generation, Acquisition, Processing, and Evaluation of Data in Optical Metrology (Digital Wavefront Engineering)
- Application Enhanced Technologies in Optical Metrology (Addressing enhanced Resolution, Reliability and Flexibility)
- 4D Optical Metrology over a Large Scale Range (3D from Macro to Nano considering Dynamic Changes)
- Hybrid Measurement Techniques (Sensor Fusion and the Unification of Modeling, Simulation and Experiment)
- New Optical Sensors and Measurement Systems for Industrial Inspection

Special emphasis is put on modern measurement strategies, taking into account the active combination of physical modeling, computer aided simulation and experimental data acquisition. In particular attention is directed towards new approaches for the extension of existing resolution limits that open the gates to wide scale metrology, ranging from macro to nano, by considering dynamic changes and using advanced optical sensor systems.

For more information see [HERE](#)