

# Technical COLLOQUIUM

**Date:** June, 20 2013

**Program:** White Light Interference microscopy  
With Bruker ContourGT-I

**Speaker:** Markus. P, (Bruker)

Every third Thursday of the month MESA+ Institute for Nanotechnology organizes a technical colloquium. The aim of the technical colloquia is to convey expertise and know how of the various equipment and technology within NanoLab.

The ContourGT-I 3D Optical Microscope combines over three decades of surface metrology innovation and experience from industry partnerships into a single bench top system to deliver production-ready automation, measurement angle flexibility, outstanding imaging, and proven gage-capable performance.

Incorporating Bruker's proprietary tip/tilt optical head, the system is fully automated and programmable to measure surface features over a range of angles while minimizing tracking errors.

Latest generation Vision64™ software and a streamlined staging design provide intuitive analysis capabilities and the ultimate operator ease of use.

The ContourGT-I has everything needed to immediately measure on demand. Never before have so many advanced metrology features been available in one bench top system.

In addition, the ContourGT-I utilizes proprietary vibration-resistant measurement techniques and a unique base design with integrated air isolation to deliver accurate measurements under very demanding shop floor production conditions. The time-tested, vibration-tolerant design is fully optimized to provide uncompromised, repeatable and quantitative results.

**Start: 15:45 - 16.15 hrs. Location: Carre 2506**  
**Discussions/drinks: 16:15 - 17:30 hrs.**

You are kindly invited to attend the MESA+ Technical Colloquium. After the colloquium you can have a drink and take part in informal discussions.

MESA+ is one of the largest nanotechnology research institutes in the world, delivering competitive and successful high quality research. It unites scientific disciplines, and builds fruitful international cooperation to excel in science and education. MESA+ has created a perfect habitat for start-ups in the micro- and nano-industry to become established and then mature.

The institute employs 525 people of whom 300 are PhD candidates or postdocs. With its Nano-Lab facilities the institute holds 1250 m<sup>2</sup> of cleanroom space and state of the art research equipment. MESA+ has been the breeding place for more than 45 high-tech start-ups to date.  
[www.utwente.nl/mesaplus](http://www.utwente.nl/mesaplus)

# MESA+

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