

Technical COLLOQUIUM

Date: Thursday March 21, 2013
Program: Streak Camera
Speaker: Jeroen Korterik, Annemarie Huijser

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.

A streak camera is a high-speed light detector that can simultaneously measure time, wavelength and light intensity. The recently purchased and installed Hamamatsu system has a time resolution of 1.7 ps and could measure up to the μs . The system is sensitive from the UV to the near-IR (950 nm).

In this presentation we will first present the technical principles of the streak camera. Thereafter, we will discuss possible applications, including characterization of ultrafast light-induced processes in photoactive materials.

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 NanoLab facilities the institute holds 1250 m² 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.
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