

Vad händer inom **optiken** i Stockholm?

Torsdagen den 29 januari 17.30 – 18.30

**KTH-Kista, Isafjordsgatan 22, Electrum
Plan 2, Sal 204 (mittemot restaurang PUUR)**

“Scanning Near Field Optical Microscopy: from Red to Violet”,

Dr. Mounir Mensi, KTH, Department of Materials and Nano Physics

Abstract: Three decades after its first implementation, Scanning Near Field Optical Microscopy has demonstrated to be an essential and well established technique. The combination of a nanometer scale topographic mapping and a subwavelength optical resolution makes it the ideal tool for investigations ranging from soft biomolecules to hard crystalline structures. The aim of this presentation is to describe the fundamentals of the technique and review its main achievements and limitations.

“Large area monitoring using laser”,

Örjan Altebro M.Sc.E.E, Saferange AB

Abstract: Saferange is developing a detection technology that uses the energy in a long-wave laser to watch over a large area. This is achieved by measurement and comparing the energy of the rebounding pulses to decide if any object has entered the watched area. The presentation will describe the company and detection technique that we are developing.



följt av

OPTOPUB 18.30 –20.00

för alla som vill prata optik och fotonik eller annat

**ADOPT, Linné center i Modern Optik och Fotonik,
bjuder alla som föranmält sig på mat och dryck.**

**Viktigt: Föranmälan via doodle.com/5gxkucyrzugkcf5z för mat!!!
Senast Tisdag 27:e januari före kl.16:00 !!!**

Välkomna!

**Lennart BM Svensson,
Gunnar Björk,**

**Sergei Popov,
Jens A Tellefsen, Jr**

Saulius Marcinkevicius,

Optopubarna samarrangeras av