

Vad händer inom **optiken** i Stockholm?

What happens in **optics** in Stockholm?

Thursday 18th January 17.30 – 18.30

KTH-AlbaNova University Center, Roslagstullsbacken 21

Lecture Room FA31, Level: 3 (2-floors down from entrance at Level: 5)



“Generation, manipulation and detection of single photons at the nano scale”

Prof. Val Zwiller, Quantum Nano Photonics, Department of Applied Physics, KTH

Our group develops new tools to generate single and entangled photons with semiconductor quantum dots, integrated photonic circuits to manipulate quantum states of light on a chip and superconducting detectors to detect single photons with very high efficiencies. In this presentation recent research results will be presented and our experience with starting a company commercializing superconducting single photon detectors (Single Quantum) will also be discussed.

Read more here. www.qnp.aphys.kth.se

followed by Optopub 18:30-20:30, ADOPT, Linné center i Modern Optik och Fotonik, invites everyone who pre-registered for food and drinks.

Please, register here: <https://doodle.com/poll/wrcqknm99uvcxau>

No later than Tuesday 16th January before kl.16:00 !



Welcome!

Lennart BM Svensson, Jens A Tellefsen, Jr, Gunnar Björk

Optopubarna samarrangeras av