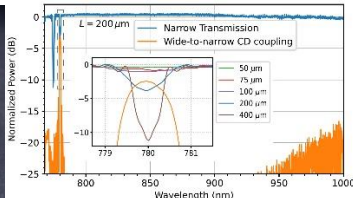
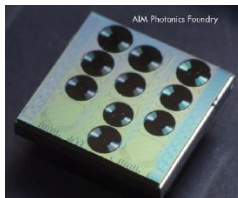


# Welcome to **Optopub** in Stockholm!

Thursday 5 December-2024 17.30 – 21.00

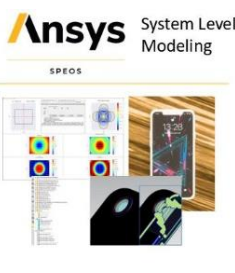
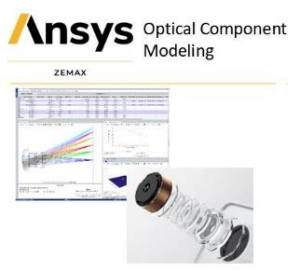
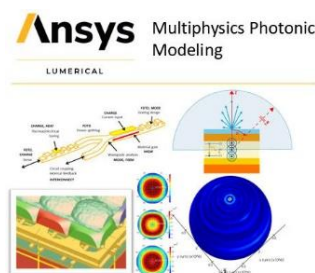
RISE, Electrum at Kista, Kistagången 16 / Isafjordsgatan 22  
Room Knuth, Elevator B to Level 6



## **Photonic Integrated Circuits for Sensing**

**Scott A. Holmstrom, Professor, PhD, Dept. of Physics & Engineering Physics, The University of Tulsa, OK USA / Photonics Technology Branch, U.S. Naval Research Laboratory, Washington, DC USA**

Our efforts in developing photonic integrated circuit elements for visible wavelengths in recent years have been driven by the desire to realize a low SWaP (size, weight, and power), *in situ* optical sensor that can detect and identify gas-phase chemical warfare agents and toxic industrial chemicals at parts-per-billion concentrations. In this seminar, I will review our approach to ultra-trace gas detection based on waveguide enhanced Raman scattering and our progress towards integrating all the necessary optical component for visible light spectroscopy on a chip.



## **Illuminating Innovation: An Overview of Ansys Optics and Photonics Solutions**

**Elena Vasileva, PhD / Product Sales Manager / Optics & Photonics – EMEA**

Session Overview: Explore how Ansys is revolutionizing the design and optimization of optical and photonic systems with cutting-edge simulation tools. This session provides a comprehensive overview of Ansys solutions tailored for optics and photonics, enabling engineers and designers to accelerate product development, reduce costs, and enhance performance.

## **PhotonHub Europe – Innovation Hub update of extension and new funding rates**

**Lennart BM Svensson, PhD, PhotonicSweden**



The presentation will promote and present the new updated funding levels. In Prototype Level TRL 3-4 the first €30k will be fully subsidized and 75% of total budget thereafter for SMEs, and 50% for LSCs, for a maximum subsidized amount of €100k. In Upscaling Level TRL 5-6, 85% of total budget will be subsidized for SMEs, and 50% for LSCs, for a maximum subsidized amount of €250k.

**followed by Optopub**

**IEEE Photonics Chapter invites everyone who pre-registered for food and drinks**



**Please, register here:**

**<https://forms.office.com/r/psh5DDR0Ws?origin=lprLink>**

**No later than Monday 2nd December before kl.13:00!**

**Welcome!**

**Lennart BM Svensson (PhotonicSweden) & Qin Wang (RISE) & Arne Alping (IEEE-Photonics Chapter)**