



Career Symposium Stockholm

Networking with Food & Drinks – Free of Charge!

The Royal Institute of Technology (KTH)
Lecture Hall F2

Lindstedtsvägen 26 & 28

KTH-Campus Valhallavägen

SE-114 28 Stockholm, Sweden

Program www.carlahub.eu

www.photonicsweden.org

Wednesday 09 April 2025

17:00–17:15 Registration

17:15–17:25 Welcome and introduction

17:25–17:55 **Keynote speech: What can Photonics do for society with focus on sustainability, environment, energy, and jobs?**
Fredrik Laurell, Professor Laserphysics, KTH

17:55–18:15 Break with networking and exhibition

Training and Education in Photonics and Photonics Entrepreneurship

18:15–18:25 **Why did I choose a PhD in photonics?**
Adrian Vågberg Ph.D. student, KTH

18:25–18:35 **Fotonberg –the forest of photons**
Gemma Vall Llosera, Ph.D. Blockchain and Quantum, Ericsson AB

18:35–18:45 **From Playing with Light to Selling Crystals – A Photonics Startup Story?**
Max Widarsson, Ph.D, CEO, young entrepreneur, SLF-Svenska Laserfabriken

18:45–18:55 **Squeezed light for quantum enhanced sensing and communication**
Vaishali Adya, assistant professor, KTH

18:55–19:05 **Revolutionizing Semiconductors: Harnessing Light for a Brighter Future**
Petter Elgh, M.Sc., Account Representative – EMEA High Tech, Ansys Sweden AB

19:05–19:15 **Why photograph cows in 3D? Vision applications in dairy farming**
Björn Wiklander, Manager, Data Science & Machine Learning, DeLaval AB

19:15–19:35 Pitch talks by job-fair exhibiting companies

19:35–19:45 Panel discussion with all speakers

19:45–21:00 Networking with food and drinks

Thursday 10 April 2025

17:00–17:15 Registration

17:15–17:25 Welcome and introduction

17:25–17:55 **Keynote speech: Going from engineering to business in photonics**
Urban Konradsson Botes, General Sales Manager at Hamamatsu Photonics Norden AB

17:55–18:15 Break with networking and exhibition

Photonics Careers in Industry

18:15–18:25 **Photonics touch every corner of our lives**
Qian Li, Laser Engineer at Mycronic AB

18:25–18:35 **Kick-starting your career in optics and lasers: The benefit of hands-on experience during undergraduate studies**
Theresa McGovern, Technical Quality Manager, Cobolt AB – Hübner Photonics

18:35–18:45 **Optical systems design: lenses; diffractive optics and Mangin mirrors**
Sara Abrahamsson, Ph.D., Senior Staff Engineer at Sandberg Development AB

18:45–18:55 **Cutting-edge solutions in optical transceivers towards a connected and efficient future**
Magnus Olson, CTO Estel

18:55–19:05 **Heavy-duty electric trucks for mining, forestry, and long haul**
Christofer Silfvenius, Ph.D., Test Leader, Environmental Testing at Scania AB, Traton R&D

19:05–19:15 **3D imaging with the world's brightest X-ray source for high-volume battery production**
Björn Hansson, Ph.D., CTO, Excillum AB

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Register by 4th April 2025

Free of charge!



PHOTONICS²¹

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PhotonicSweden
The Swedish Technology Platform in Optics and Photonics

