360 Carla
Energy & Sustainability

Career Symposium
Stockholm

PhotonicSweden
The Swedish Technology Platform in Optics and Photonics

Dates.

09-10 April, 2025

Venue.

The Royal Institute of Technology (KTH)
Lecture Hall F2

Lindstedtsvägen 26 & 28
KTH-Campus Valhallavägen
SE-114 28 Stockholm, Sweden

Audience.

University students and early stage researchers.

Registration - Free of charge.

Register by 4th April 2025

https://forms.office.com/r/DCM198eY5v?origin=lprLink

www.carlahub.eu

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#carlahub

Funded by

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In collaboration with

KTH VETENSKAP OCH KONST

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PhotonicSweden The Swedish Technology Platform in Optics and Photonics
Photonics Finland
EOS European Optical Society

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Networking with Food & Drinks - Free of Charge !

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
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**

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