

Photonics Applications Webinars

hosted by Professor Jyrki Saarinen

26.10.-19.11.2020

PHOTONICS APPLICATIONS WEBINARS

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SCHEDULE

26.10.	14:15-15:00	Mathieu Marmion	<i>Specim</i>
28.10.	10:15-11:00 11:15-12:00	Jyrki Huttunen Jorma Palmén	<i>Oplatek Ladimo</i>
29.10.	12:15-13:00 13:15-14:00	Antti Sunnari Mircea Guina	<i>Dispelix Picophotonics</i>
2.11.	14:15-15:00 15:15-16:00	Mikko Juhola Toni Laurila	<i>Huawei Sensmet</i>
4.11.	10:15-11:00 11:15-12:00	Juha Väyrynen Veli-Pekka Leppänen	<i>Karelia UoAS Nanocomp</i>
5.11.	12:15-13:00 13:15-14:00	Antti-Pekka Elomaa Klaus Melakari	<i>Kuopio Univ. Hoş. Varjo</i>
9.11.	14:15-15:00 15:15-16:00	Markku Mäntylä Jussi-Pekka Penttinen	<i>Valmet Vexlum</i>
11.11.	10:15-11:00 11:15-12:00	Prince Bawuah Tero Mäkinen	<i>Cambridge Univ. (UK) LEDiL</i>
12.11.	12:15-13:00 13:15-14:00	Vadim Kiyko Petri Piirainen	<i>Hypermemo Softcolor</i>
16.11.	14:15-15:00 15:15-16:00	Samu Sneck Petteri Uusimaa	<i>Beneq Modulight</i>
18.11.	10:15-11:00 11:15-12:00	Jukka Perento Tuomo Kauranne	<i>Inkron Arbonaut</i>
19.11.	12:15-13:00	Timo Vuorenpää	<i>Senop</i>

ONLINE WEBINARS FROM THE PHOTONICS INDUSTRY LEADERS

PHOTONICS TECHNOLOGIES & APPLICATIONS

DISCUSSION & NETWORKING

COMPLETELY FREE
FOR EVERYONE

MORE INFORMATION

[www3.uef.fi/en/web/photonics/
photonics-applications](http://www3.uef.fi/en/web/photonics/photonics-applications)

APPLICATIONS INCLUDE

3D & Mobile Imaging
Augmented Reality
Hyperspectral Imaging
Lasers in Glass Processing
Lasers in Quantum Photonics
LED Lighting and Optics
LIDAR & Microscopy
Medical Lasers
Night Vision and Target Acquisition
Optical Coatings
Optical Fiber Manufacturing
and Glass Molding
Optical Materials
Paper Machines
Pharmaceuticals
Photonics Software Engineering
Precision Manufacturing
Spectroscopy for Water Analysis
Surgery
Virtual Reality



<https://www3.uef.fi/en/web/photonics/photonics-applications>

UEF's popular Photonics M.Sc. level course "Applications of Photonics" is held this year as a series of webinars open to everyone.

The webinars consist of applications of photonics and company overviews given by professionals of the field from various companies, and after each webinar a dedicated discussion section offers networking possibilities. Moreover, the 10th anniversary celebrations of the Photonics Master of Science -program are held during the webinar series.

Joining the webinars is free and open to everyone, and does not require taking part in the Photonics M.Sc. program. The webinar platform is Microsoft Teams.

DISCLAIMER: Please join the webinars via Teams software or mobile app.

Using the Teams website may cause issues with seeing the presentations.

SCHEDULE OF THE WEBINARS

DATE	TIME	PRESENTER	COMPANY	TOPIC
26.10.	14:15-15:00	Mathieu Marmion	Specim	<i>Hyperspectral Imaging: Basics & Applications</i>
28.10.	10:15-11:00	Jyrki Huttunen	Oplatek	<i>Photonics solutions based on multiple technologies: fiber optics, glass molding, thin film coating, optomechanics</i>
	11:15-12:00	Jorma Palmén	Ladimo	<i>4D-vision</i>
Link:	Click here to join in Microsoft Teams			
29.10.	12:15-13:00	Antti Sunnari	Dispelix	<i>Alternative Reality</i>
	13:15-14:00	Mircea Guina	Picophotonics	<i>High-energy compact lasers for next generation spectroscopy, microscopy & LIDAR. Academic entrepreneurship.</i>
2.11.	14:15-15:00	Mikko Juhola	Huawei	<i>Mobile Imaging</i>
	15:15-16:00	Toni Laurila	Sensmet	<i>Optical Measurements Transform Real-time Water Quality Data for Industrial and Environmental Applications</i>
4.11.	10:15-11:00	Juha Väyrynen	Karelia UoAS	<i>Diamond turning and injection molding, tolerancing</i>
	11:15-12:00	Veli-Pekka Leppänen	Nanocomp	<i>Roll-to-roll manufacturing – back and front lighting for portable displays</i>

5.11.	12:15-13:00	Antti-Pekka Elomaa	Kuopio Univ. Hos.	<i>Surgery</i>
	13:15-14:00	Klaus Melakari	Varjo	<i>Mixed Reality</i>
9.11.	14:15-15:00	Markku Mäntylä	Valmet	<i>Optical on-line quality measurement applications in paper production lines</i>
	15:15-16:00	Jussi-Pekka Penttinen	Vexlum	<i>Lasers for Quantum Technology</i>
11.11.	10:15-11:00	Prince Bawuah	University of Cambridge (UK)	<i>Terahertz Pharmaceuticals</i>
	11:15-12:00	Tero Mäkinen	LEDiL	<i>LED Lighting & Optics</i>
12.11.	12:15-13:00	Vadim Kiyko	Hypermemo	<i>Glass Processing</i>
	13:15-14:00	Petri Piirainen	Softcolor Oy	<i>Software Engineering: Photonics & Color Science</i>
16.11.	14:15-15:00	Sami Sneck	Beneq	<i>Optical Coatings (ALD)</i>
	15:15-16:00	Petteri Uusimaa	Modulight	<i>Medical Lasers in Oncology</i>
18.11.	10:15-11:00	Jukka Perento	Inkron	<i>Optical Coatings with High and Low Refractive Index</i>
	11:15-12:00	Tuomo Kauranne	Arbonaut	<i>LIDAR for timberland inventory & other forest applications</i>
19.11.	12:15-13:00	Timo Vuorenpää	Senop	<i>Night vision, target acquisition and observation, hyperspectral cameras</i>

More info coming soon!