



SpectroNet Collaboration Conference Photonics & Machine Vision in Industry and Beyond

16 September 2020

13:00 – 17:00 CEST

**3 Sessions, 12 Presentations (10 min presentation and 5 min Q&A)
and Expert Panel Discussion (with Q&A)**

Dear Clusterpartner and Friends,

we are happy to announce that this year's **SpectroNet Collaboration Conference** has been adapted due to the restrictions and is now an international online conference with **presentations, questions and answers** and an **expert panel discussion**.

The planned conference concept will tackle **companies and research institutions** which are active in the field of photonics and machine vision and who want to see what their competitors are doing as well as **potential customers and partners** who are searching for solutions to solve their measurement tasks.

There will be **3 sessions** with **12 presentations** and a **expert panel discussion**.

Session 1: **2D Image Processing** in Industry & Beyond

Session 2: **3D Image Processing** in Industry & Beyond

Session 3: **Spectral Image Processing** in Industry & Beyond

Each presentation has a length of **10 minutes** with the possibility to ask questions afterwards. Also during the expert panel discussion questions from the audience are welcome.

The expert panel discussion deals with the topic:

"The role of photonics & machine vision for sustainable economy growth and daily life applications"

The conference is open to everyone and is free of charge.

[Register here](#)

SESSION 1: 2D IMAGE PROCESSING IN INDUSTRY & BEYOND

TIME	Speaker	Topic	URL
13:00 – 13:15	Steffen Lübbecke	Defect detection and classification for automated visual inspection	quick-image.de
13:15 – 13:30	Thomas Schroeter	Machine vision for 2D inspection of laser-cut parts	ifw-jena.de
13:30 – 13:45	Claudia Rabis	Machine Learning and Augmented Reality in Conventional Microscopy	jenoptik.com
13:45 – 14:00	Sabine Ott	Scientific CMOS cameras in scientific and industrial research	pco.com

SESSION 2: 3D IMAGE PROCESSING IN INDUSTRY & BEYOND

TIME	Speaker	Topic	URL
14:00 – 14:15	Simon Schwinger	VCSEL-based System Design in High Volume Applications	jabil.com
14:15 – 14:30	Torsten Machleidt	Super resolution for CSI – based on advanced image processing strategies	gbs-ilmenau.de
14:30 – 14:45	Christian Benderoth	A Big Step Forward in Web-Enabled 3D Inspection Software for Smart Sensors	lmi3d.com
14:45 – 15:00	Torsten Wiesinger	Inspection with polarization sensor imaging the unseen	thinklucid.com

15:00 – 15:20 Individual Coffee Break

SESSION 3: SPECTRAL IMAGE PROCESSING IN INDUSTRY & BEYOND

TIME	Speaker	Topic	URL
15:20 – 15:35	Christian Katzer	High-performance filter solutions for Multi- and Hyperspectral Imaging	opticsbalzers.com
15:35 – 15:50	Jochen Brill	trinamiX NIR Spectroscopy Solutions	trinamix.de
15:50 – 16:05	Robert Brückner	VIS-NIR Spectroscopy in Your Pocket: The Material Sensing Platform	senorics.com
16:05 – 16:20	Carina Büchl	Ultracompact spectrometer solutions	broadcom.com

16:20 – 17:00 Expert Panel Discussion – Moderation: Dr. Peter Ebert, inVISION

„The Role of Photonics & Machine Vision for Sustainable Economy Growth and Daily Life Applications“

The Panelists are: Paul-Gerald Dittrich (SpectroNet), Dr. Oliver Lischtschenko (Ocean Insight), Kay Sawatzky (LEG Thüringen), Dr. Oliver Pust (Delta Optical Thin Film) and Randolf Margull (TIP Jena).

SPONSORED BY:



Organization and Moderation

Get in contact with us. We are looking forward to your questions, suggestions and wishes.



Daniel Kraus
Conference Manager
Tel.: +49 (162) 6541 111
E-Mail: d.kraus@spectronet.de

Paul-Gerald Dittrich
Project Manager
Tel.: +49 (175) 5280 223
E-Mail: pg.dittrich@spectronet.de



Upcoming Photonics & Machine Vision Web Pitches - August 2020

- 09/2020**
5th August 2020, 2:00 PM CET
How to Benefit from Continuously Variable Filters in Fluorescence Microscopy, Confocal Microscopy and Spectroscopy
Dr. Oliver Pust - Delta Optical Thin Film A/S
- 10/2020**
12nd August 2020, 2:00 PM CET
SWIR and MWIR Pushbroom Hyperspectral Imaging Systems for Applications in Industry and Beyond
Dr. Mathias Grabau - inno-spec GmbH
- 11/2020**
19th August 2020, 2:00 PM CET
Optical coherence tomography for non-destructive evaluation of subsurface damage
Samson Frank - Ernst-Abbe-Hochschule Jena
- 12/2020**
26th August 2020, 2:00 PM CET
Using spectral information in agriculture and plant science
Dr. Stefan Paulus - Institut für Zuckerrübenforschung (IFZ) Göttingen

[Register here](#)

Past Photonics & Machine Vision Web Pitches - On Demand

Embedded Machine Vision

Carsten Strampe - IMAGO Technologies GmbH

Digitalization of the visual appearance of surfaces with solino

Markus Riedi - Opto GmbH

DFB Laser Technology in the near and mid infrared for high-sensitivity gas sensing applications

Gloria Gerlach - nanoplus Nanosystems and Technologies GmbH

Hyperspectral Apps – Ready to go.

Markus Burgstaller - Perception Park GmbH

Hyperspectral imaging as quality measurement tool for the industry

Dr. Matthias Kerschhaggl - EVK DI Kerschhaggl GmbH

Implementing AI in an embedded project

Dr. Thomas Richter - Solectrix GmbH

Supporting Your Machine Vision Application with High Quality Illumination Systems and Power Supplies by LEJ

A Big Step Forward in Web-Enabled 3D Inspection Software for Smart Sensors

Christian Benderoth - LMI Technologies GmbH

Watch here



Copyright © 2020 SpectroNet c/o Technologie- und Innovationspark Jena GmbH, All rights reserved.

Want to change how you receive these emails?
You can [update your preferences](#) or [unsubscribe from this list](#).