



SpectroNet Collaboration Conference

Photonic measurement and image processing
in cooperation with the Wiley Industry Days

8th June 2021
14:30 – 16:30 CEST

5 Presentations (15 min presentation and 5 min Q&A)

[Free register here](#)

Dear partners and friends,

We are pleased to invite you to our next online conference: **SpectroNet Collaboration Conference (SCC) 8th June 2021 (online)**. SCC 2021 is organized in cooperation with Wiley Industry Days and focuses on the latest developments and products from the field of photonic systems research for practical applications. During the conference, various ongoing research projects and their results will be presented. For example CMOS-based spectral, IR, and 3D sensors and their practical applications will be shown. Furthermore, an outlook will be given on how the machine vision industry could develop in the next 10 years.

Interested participants can look forward to a broad overview of the photonics and machine vision industry and see where and how photonic sensors are already used today.

Conference Agenda

14:30-14:40 Welcome & opening - Paul-Gerald Dittrich

TIME	TOPIC
14:40 – 15:00	Photonics & Machine Vision in the Cluster Sensor technology Bavaria Matthias Streller – Strategische Partnerschaft Sensorik e.V.
15:00 – 15:20	Kostengünstige spektrale Sensoren in CMOS-Technologie Dr. Stephan Junger – Fraunhofer IIS
15:20 – 15:40	Genauigkeitsvergleich preisgünstiger mobiler 3D-Sensoren nach VDI 2634 und im Praxiseinsatz Dr. Andreas Breitbarth – Technische Universität Ilmenau
15:40 – 16:00	Optical micro- and nanostructures at Leibniz-IPHT – From fundamental research to real world applications and large-scale production Dr. Kay Dietrich – Leibniz-Institut für Photonische Technologien e.V.
16:00 – 16:20	Bildverarbeitung 2030 - was geht noch ohne Machine Learning? Frank Püschel - GFal - Gesellschaft zur Förderung angewandter Informatik e.V.

16:20 – 16:30 Conclusion and final remarks - Paul-Gerald Dittrich

[Free register here](#)

Upcoming Photonics & Machine Vision Web Pitches



Aria: next generation perfusion system for imaging studies

Speaker: Dr. Marine Verhulsel

Date: May 26, 2021, 2:00:00 PM

[More...](#)



Visualization of production processes - on the way to networked, digitalized optics production

Speaker: Prof. Dr. Christian Erfurth

Date: June 02, 2021, 2:00:00 PM

[More...](#)

News @ SpectroNet Cluster



Wiley Industry Days - WIN>DAYS

Meet SpectroNet at the virtual booth at WIN>DAYS 2021

Date: June 07-09, 2021

Venue: online

URL: wileyindustrydays.com



SpectroNet @ W3+FAIR Convention in Wetzlar

SpectroNet is bronze partner at the W3+FAIR Convention in Wetzlar.

Date: July 06-07, 2021

Venue: Wetzlar

URL: w3-messe.de/de



Join the SpectroNet community booth

For the first time we organized a community booth at Vision Show 2021.

Please feel free to contact us!

Date: October 05-07, 2021

Venue: Stuttgart

URL: messe-stuttgart.de/vision

News @ SpectroNet Cluster partners



Leibniz-IPHT leads cross-laboratory study

Aim of this cooperation is to bring Raman spectroscopy into clinical applications.

[More...](#)



Fraunhofer IOSB with a study on the car factory of the future

The new study "At the end of the line - How automakers can embrace flexible production" sees the solution, at least for the premium segment, in intelligently networked, self-organizing production.

[More...](#)



Fraunhofer IOF starts development program

This new international professional development program is aimed to managers in the optics and photonics industry.

[More...](#)

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