



Dear partners and friends,

after the successful launch of the **chiiOnline community** a year ago, the online format will enter the next round in **December 2021 - starting TODAY in the afternoon**. The chiiOnline community connects participants with relevant hyperspectral stakeholders worldwide. The unique chiiOnline community provides a global, cross-industry network. The goal is to initiate, promote and coordinate collaboration between companies, researchers, and solution providers. As a hub for member companies, research institutes and decision makers, the chiiOnline community is committed to the worldwide promotion and advancement of hyperspectral technology.

There will be 3 events in December, with the following thematic focus:

- **Hardware** for spectral imaging on **01/12/2021**.
- **Software** for spectral imaging on **07/12/2021**
- **Applications** for spectral imaging on **15/12/2021**

The events will be held from 3:00 - 4:30 p.m. as online webinars.

Registration and participation are free of charge.

[Free register here](#)

## Community for Hyperspectral Imaging in Industry



### SpectroNet Short Review of 2021



#### **SpectroNet involed in AMI & Holz-21-regio projects**

The cluster management support the project initiatives. Have a look on the project websites [www.rubin-ami.de](http://www.rubin-ami.de) and [www.holz-21-regio.de](http://www.holz-21-regio.de) for further information and collaboration requests.

URL: [spectronet.de](http://spectronet.de)



#### **Community Booth @ VISION Show 2021**

The first time that SpectroNet had its own community booth at VISION, the world's leading trade fair for machine vision. Five cluster partners could present their products and services to the professional audience.

URL: [spectronet.de](http://spectronet.de)



#### **SpectroNet @ selected digital trade fairs**

SpectroNet has participated in various national and international trade shows, most of them are organized as digital events. We were present at the inVISION Show, Wiley Industry Days, Cross-Cluster Thüringen, InnoCon and Control digital.

URL: [spectronet.de](http://spectronet.de)



#### **SCC, 08.06.2021, online**

SCC2021 in cooperation with Wiley Industry Days was focuses on the latest developments and products from the field of photonic system research for practical applications. During the conference, various ongoing research projects and their results have been presented.

URL: [spectronet.de](http://spectronet.de)



#### **SpectroNet Start & Scale Meet-Up**

SpectroNet organized a start-up workshop with the topic: "Successful start-up - sustainable growth - internationalization". There were impulse lectures by founders and experienced experts from the industry.



### SCC, 15.03.2021, online

In march we have talked with experts from research and the industry about " Photonics & Machine Vision in Industry and Beyond".

URL: [spectronet.de](https://spectronet.de)



### SpectroNet Web Pitches 2021

SpectroNet organized the weekly web pitches over a period of one year. The goal was to keep interested partners and users informed about the latest developments in the field of photonics and image processing.

URL: [spectronet.de](https://spectronet.de)



### Silver new year for SpectroNet

SpectroNet received in recognition of continuous improvements according to the methodology of the "European Cluster Excellence Initiative (ECEI)" the Cluster Management Excellence Label SILVER - Dedicated to Cluster Excellence.

URL: [spectronet.de](https://spectronet.de)

## News @ SpectroNet Cluster Partners



### inVISION days 2021

The inVISION Days are a free of charge online conference, which will present current trends in image processing and the highlights of the year in lectures, keynotes and discussions from Nov. 30 to Dec. 2.

[More...](#)



### New X-ray cameras based on sCMOS

Ximea offers now a new series of X-ray cameras with high speed and resolution, large sensors and pixels, low light sensitivity and 16 bit image quality, plus overall small size - the cameras are ideally suited for Micro CT.

[More...](#)



### Fiber-coupled laser for biomedical imaging

The dual-wavelength ps fiber lasers from AFS Jena supply ultra-short pulsed laser light to a nonlinear microscope developed by the Leibniz Institute of Photonic Technology (IPHT) Jena.

[More...](#)

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