



Version 170619

JENCOLOR SpectroNet Collaboration Conference 2017

in collaboration with

JENCOLOR / ams Sensors Germany GmbH, Carl Zeiss Spectroscopy GmbH,
Strategische Partnerschaft Sensorik e.V., AMA Verband für Sensorik und Messtechnik e.V.
and Thüringer ClusterManagement (ThCM) Landesentwicklungsgesellschaft Thüringen mbH (LEG)

Photonical Sensors and Systems for mobile Measurement Engineering and Quality Assurance

30.08.2017 - 31.08.2017, Registration 09:00 a.m.
Technologie- und Innovationspark Jena GmbH
Moritz-von-Rohr-Straße 1a, 07745 Jena, Germany

Attention: The number of seats is limited. The registration will be accepted based on first come, first served.

The **JENCOLOR SpectroNet Collaboration Conference 2017** addresses recent developments in innovative photonic micro sensors with digital image processing for **geo-, color-, multi-, hyper- and full-spectral photonical measurement applications and quality assurance** in industry, biology/medicine, environment and security and in daily life.

The SpectroNet Collaboration Conferences (SCC) are a series which are addressing customers as well as researchers, developers and application engineers. SCCs are connecting actively research & development, products & services, marketing & sales as well as education & training.



Presentations about current and future technologies as well as services



Exhibition of products, services and solved applications



High-level business contacts to partners and customers



Exclusive lectures and trainings as well as digital documentation

There will be **6 sessions** with a total number of **50 presentations** about the following topics:

- Session 1: Photonical sensors and systems for mobile **2D/3D** measurements
- Session 2: Photonical sensors and systems for mobile **color** measurements
- Session 3: Photonical sensors and systems for mobile **spectral** measurements
- Session 4: Photonical sensors and systems for combined mobile **2D/3D, color and spectral** measurements
- Session 5: Mobile **education and training** in photonical sensors and systems
- Session 6: **New possibilities** in photonical sensors and systems for mobile measurements

Well-known experts from leading companies and research institutions will give methodical, scientific, technical and social insights on their latest developments in mobile photonical measurement engineering and quality assurance.

Furthermore, there will be

- an **exhibition** with innovative products and services for mobile photonic micro sensors and systems
- a collaborative **Get Together** with **Thuringian Barbecue** and individual networking
- exclusive **company presentations**
- the first collaboration meeting of the **AMA Working Group "Photonics"**

We look forward to welcome you in Jena.



Dr.
Fred Grunert



Dr.
Uwe Heilig



Dr.
Hubert Steigerwald



Dr.
Thomas Simmons



Dr.
Wolfgang Seeber



Dipl.-Ing.
Randolf Margull



Prof. Dr.
Dietrich Hofmann



M.Eng.
Paul-Gerald Dittrich

Premium Partners



ams Sensors Germany GmbH is developing and manufacturing complete microelectronic circuits, electronic modules, sensors and sensing devices for its national and global customers.



JENCOLOR is the brand of ams Sensors Germany GmbH photonic sensors. JENCOLOR products are measuring and controlling light or light colors in areas in which human eyes cannot perceive with enough accuracy. ams Sensors Germany GmbH with JENCOLOR sensors are also partners for spectral analysis issues.

Partners



Carl Zeiss Spectroscopy GmbH is a leading provider of gratings, spectrometers and spectrometer solutions for industrial and non-industrial applications.



Strategische Partnerschaft Sensorik e.V. is the enabling cluster for sensors and sensor technologies in Bavaria. The cluster organizes collaboration between companies, developers and other service providers as well as universities and research institutions for mobile smart sensors in the industry 4.0.



AMA Verband für Sensorik und Messtechnik e.V. links about 480 members from research, development, production, and distribution with the representatives of the various user industries. AMA represents the interests of these members in the economic and political environment. Thus, the AMA provides science and industry with a competent network and a broad platform for developing innovative joint solutions.



Thuringian Cluster Management advises stakeholders from business and science and promotes its technology competence. In 2012, the Free State was established with the Thuringian Cluster Management as an instrument for the expansion and establishment of clusters in Thuringia. In the course of the implementation of the Thuringian innovation strategy, the regional government has set up the RIS3 office to coordinate the implementation process with the Thuringian Cluster Management.



Technologie- und Innovationspark Jena GmbH with currently 55 start-up companies supports founders of new businesses and young entrepreneurs. It offers a dynamic surrounding and outstanding basic conditions in the starting and stabilization phase of technology oriented companies. The aim is to implement business ideas from the early research through the pilot product development right up to the product launch.



Jena is the town of Carl Zeiss, Ernst Abbe and Otto Schott, a modern industrial center of scientific instrumentation with the Friedrich-Schiller-University, the Ernst-Abbe-University, the Fraunhofer Institute for Applied Optics and Precision Engineering, the Leibniz Institute for Photonic Technologies, the home of the ZEISS Planetarium, Optical Museum and the leading factories CARL ZEISS and JENOPTIK.

Organizer



SpectroNet is an international collaboration cluster for photonical measurement engineering and quality assurance in Germany and worldwide. It expand and support activities of their clusterpartners in research & development, products & services, marketing & sales as well as education & training projects through open digital collaboration services and the open responsive cluster platform www.spectronet.de.

Preliminary Program - Wednesday 30.08.2017

09:00 - 09:30 Registration @ Conference Venue



Technologie- und Innovationspark Jena
Moritz-von-Rohr-Straße 1a, D-07745 Jena
Tel.: +49 3641 6751 00
Fax: +49 3641 6751 11
URL: www.tip-jena.de

09:30 - 10:00 Welcome Addresses & Introduction

10:00 - 11:30 Session 1: Photonical sensors and systems for **mobile** 2D/3D measurements

11:30 - 13:00 Lunch Break with Individual Networking at the Exhibition and Exclusive Company Presentations

13:00 - 14:30 Session 2: Photonical sensors and systems for **mobile** color measurements

14:30 - 15:00 Coffee Break with Individual Networking at the Exhibition

15:00 - 16:00 Session 3: Photonical sensors and systems for **mobile** spectral measurements

16:00 - 16:30 Coffee Break with Individual Networking at the Exhibition

16:30 - 17:30 Session 4: Photonical sensors and systems for combined **mobile** 2D/3D, color and spectral measurements

End of Presentations - First Day

19:00 - 23:00 Thuringian Barbecue: Roasted Pig and Individual Networking



*Stilsvoll Übernehmen
Gemütlich Essen
Kaiserpulverie*

"Zur Noll" GmbH
Oberlauengasse 19
D-07743 Jena



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Fax: +49 3641 5977 20
eMail: zur.noll@t-online.de

Attention: For participation please highlight „Thuringian Barbecue“ in the registration form.

Preliminary Program - Thursday 31.08.2017

09:30 - 09:50 Registration and Opening @ Conference Venue

09:50 - 10:00 Welcome Addresses & Introduction

10:00 - 11:40 Session 5: **Mobile** education and training in photonical sensors and systems

11:40 - 12:30 Lunch Break with Individual Networking at the Exhibition and Exclusive Company Presentations

12:30 - 14:20 Session 6: New possibilities in photonical sensors and systems for **mobile** measurements

End of JENCOLOR SpectroNet Collaboration Conference 2017

Exclusive Company Presentations during the Lunch Breaks

Cognex engineering center (www.cognex.com) and **JENETRIC GmbH** (www.jenetric.com) offer exclusive company presentations and product demonstrations at the conference venue in the Moritz-von-Rohr-Straße 1a. There will be two guided tours during the lunch breaks of the collaboration conference. These tours include presentations about fast and precise 3D - vision sensors for automatic quality control by Dr. Martin Schaffer and a presentation about new ways of capturing biometrics by Dirk Morgeneier.

The Cognex engineering center based in Jena develops innovative sensor concepts for 3D measurements. The technology is based on sequential statistical pattern projection, developed by the physicists Dr. Martin Schaffer and Dr. Marcus Große. It enables yet unachieved short measurement times without loss of precision. The technology allows new approaches for complex and time-critical surface inspection tasks and related applications.



QUALITY
CONTROL



ASSISTANCE SYSTEMS
FOR ROBOTICS



RESEARCH AND
DEVELOPMENT



HUMAN-MACHINE-
INTERACTION

The JENETRIC GmbH was founded 2014 by Dirk Morgeneier and Roberto Wolfer. JENETRIC combines a multidisciplinary team of hardware and software engineers with specialists in manufacturing and selling biometric systems. The JENETRIC engineers are experts in image sensor technology who have successfully developed and manufactured first-in-class products for capturing biometrics. Based on long term experiences we will continue pushing the envelope for developing new biometric sensors that meet the highest demands for image quality, capture speed and ease of use.



TFT FINGERPRINT
TECHNOLOGY



EASE OF
INTEGRATION



COMFORTABLE
FINGERPRINTING



EXCEPTIONAL
PORTABILITY

Important Information

Participation fee Wednesday 30.08.2017 only

- 250 EUR plus VAT 19% (Regular)
- 200 EUR plus VAT 19% (Members of the SpectroNet Collaboration Cluster)
- 175 EUR plus VAT 19% (Speakers)
- free for Students and Press

Participation fee Thursday 31.08.2017 only

- 250 EUR plus VAT 19% (Regular)
- 200 EUR plus VAT 19% (Members of the SpectroNet Collaboration Cluster)
- 175 EUR plus VAT 19% (Speakers)
- free for Students and Press

Participation fee Wednesday 30.08. and Thursday 31.08.2017

- 400 EUR plus VAT 19% (Regular)
- 300 EUR plus VAT 19% (Members of the SpectroNet Collaboration Cluster)
- 250 EUR plus VAT 19% (Speakers)
- free for Students and Press

The participation fee includes:

- personal certificate for your participation at the **Collaboration Conference**
- food and beverages at the **Collaboration Conference**
- online access to the **Collaboration Conference** publications
 - e-papers
 - hd-videos
- free access to the poster presentations **for participants of the Collaboration Conference**
- free access to the exhibitions **for participants of the Collaboration Conference**

Thuringian Barbecue

For the participation at the „Thuringian Barbecue“ an amount of **35 EUR plus VAT 19%** will be added to the participation fee.

Exhibition Stand

Take the chance and present your latest products and services to the Collaboration Conference audience. The exhibition will be held in the foyer of the Technologie- und Innovationspark Jena GmbH, right next to the dining area and the entrance to the auditorium. The fee for an exhibition stand with power supply is **150 EUR plus VAT 19%**.

Registration and Payment

For registration use the registration form (printed or online).
The acceptance of your registration will be confirmed by an **invoice**.

Please arrange a bank transfer of the fee to the account of
Technologie- und Innovationspark Jena GmbH
IBAN: DE61 8208 0000 0343 8119 00, **BIC:** DRES DEFF 827
Purpose: collab-jena2017, last name, first name

Cancellation

If you cancel your conference attendance - in writing only - before **August 21, 2017, 50 EUR plus VAT 19%** will be withheld. After August 21, 2017, a refund of the registration fee is no longer possible. Naming a replacement participant is always possible.

Registration

Please send this form

- by email to pg.dittrich@spectronet.de or
- by fax to +49 3641 8293 11 or
- by **online registration** via www.spectronet.de/registration

Title

First name

Last name

Company/Institute

Street

VAT number

Zip code

Town

Mobile

Telephone

Telefax

eMail

URL

Participation fee Wednesday 30.08.2017 only

Regular (250 EUR plus VAT 19%) Member (200 EUR plus VAT 19%) Speaker (175 EUR plus VAT 19%) Students and Press (free)

Participation fee Thursday 31.08.2017 only

Regular (250 EUR plus VAT 19%) Member (200 EUR plus VAT 19%) Speaker (175 EUR plus VAT 19%) Students and Press (free)

Participation fee Wednesday 30.08. and Thursday 31.08.2017

Regular (400 EUR plus VAT 19%) Member (300 EUR plus VAT 19%) Speaker (250 EUR plus VAT 19%) Students and Press (free)

Thuringian Barbecue (35 EUR plus VAT 19%)

Exhibition Stand (150 EUR plus VAT 19%)

Please highlight with X

Date _____ Signature _____

Please use a separate form for each participant.

For questions please contact Mr. Paul-Gerald Dittrich on
Telephone: +49 175 5280 223 or eMail: pg.dittrich@spectronet.de

Addresses for Accommodations



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URL: www.zur-noll.de/willkommen.php



Hotel Schwarzer Bär Jena

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URL: www.schwarzer-baer-jena.de



SCALA Restaurant GmbH

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URL: www.scala-jena.de



BEST WESTERN Hotel Jena

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URL: www.bestwestern.de/hotels/Jena/BEST-WESTERN-Hotel-Jena



Hotel "Zur Weintraube"

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