

**8<sup>TH</sup> FRAUNHOFER IMS WORKSHOP**  
**CMOS IMAGING**  
**SEEING THE FUTURE**

Name / First Name / Title

Affiliation

Address

Phone / Fax

E-Mail

Signature

Please, send this completed registration form either as scan to [cornelia.metz@ims.fraunhofer.de](mailto:cornelia.metz@ims.fraunhofer.de) or by fax to +49 203 3783-278 until April 15th, 2016, at the latest.

**Please note**

Registrations are subject to space availability and will be confirmed only after fee payment!

**Workshop Fee**

580,- € (Registration before March 18th, 2016)

730,- € (Registration before April 15th, 2016)

The workshop fee includes a USB memory stick with all presentations, lunch, and the evening event on May 9th, 2016.

**Cancellations**

Half of the payment will be reimbursed for cancellations received before April 15th, 2016. Later cancellations will not be reimbursed!

**Terms of payment**

After reception of the registration form an invoice will be sent to the participants and the fee has to be transferred under reference of the invoice number until April 15th, 2016. Payment by credit card is not possible.

**Contact at Fraunhofer IMS:**

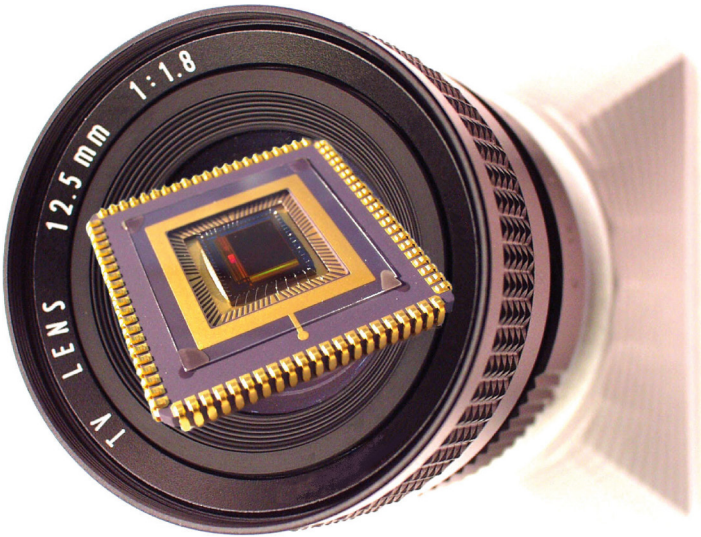
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**Workshop Venue:**

Fraunhofer inHaus-Zentrum  
Forsthausweg 1  
47057 Duisburg  
Phone +49 203 713967-0  
[www.inhaus.fraunhofer.de](http://www.inhaus.fraunhofer.de)

**For hotel recommendation see:**

<http://www.hotel.info/en/duisburg/hotels-32798>



# ABOUT THE WORKSHOP

## Organization

The members of the Programme Committee are Prof. Bedrich Hosticka, Werner Brockherde and Dr. Andreas Spickermann. Conference secretary is Mrs. Cornelia Metz.

## Workshop Venue

The workshop will be held at the Fraunhofer inHaus-Zentrum in Duisburg. This center is located downtown in Duisburg within 5 minutes walk from the Fraunhofer Institute and can be easily reached either from Duisburg Central Railway Station or from Duesseldorf International Airport.

## Evening Event on May 9th, 2016

A dinner is going to take place at Hotel Eurohof, Elisenstraße 39, 47199 Duisburg. The location is situated near the Uettelsheimer See which is a nice recreation area in the west of Duisburg.

# MONDAY MAY 9<sup>TH</sup>, 2016

9:45 – 10:00	<b>Welcome</b> Anton Grabmaier, Fraunhofer IMS
<b>Advances in CMOS Imaging</b>	
10:00 – 10:40	<b>CMOS Image Sensors: Masterpieces of 3D-Integration</b> Albert Theuwissen, Harvest Imaging
10:40 – 11:20	<b>Improving Customization by Image Simulations</b> Karsten Sengebusch, Eureka
11:20 – 12:00	<b>Switching from Sensing for Imaging to Imaging for Sensing</b> Pierre Cambou, Yole
12:00 – 13:30	<b>LUNCH</b>
<b>Technology and Testing</b>	
13:30 – 14:10	<b>Foundry Services for CIS</b> Gerhard Spitzlsperger, LFoundry
14:10 – 14:50	<b>Test Solutions for High End Imagers</b> Marcus Verhoeven, Aspect Systems
14:50 – 15:20	<b>BREAK</b>
<b>Single-Photon Sensing</b>	
15:20 – 16:00	<b>SPADs in CMOS Technology</b> Alexander Schwinger, Fraunhofer IMS
16:00 – 16:40	<b>SPAD Sensors for 3D Range Finding</b> Carl Jackson, SensL
16:40 – 17:20	<b>Time-Correlated Single Photon Counting with SPAD Arrays</b> / Simone Tisa, MPD
as of 17:30	<b>Evening Event</b>

# TUESDAY MAY 10<sup>TH</sup>, 2016

<b>3D-Imaging</b>	
9:00 – 9:40	<b>Miniaturization of 3D sensors</b> Markus Rossi, Heptagon
9:40 – 10:20	<b>Practical Depth Imaging</b> Giora Yahav, Microsoft
10:20 – 10:50	<b>BREAK</b>
<b>Automotive Sensors</b>	
10:50 – 11:30	<b>Driving Vision Applications in ADAS</b> Heinrich Gotzig, Valeo
11:30 – 12:10	<b>Optical Sensors for ADAS</b> Thomas Fechner, Continental
12:10 – 13:40	<b>LUNCH</b>
<b>Advanced Applications</b>	
13:40 – 14:20	<b>Embedded Cameras for Drones</b> Benoit Pochon, Parrot
14:20 – 15:00	<b>Image Sensors for Space Applications</b> Bart Dierickx, Caeleste
15:00 – 15:40	<b>Trends in the Industrial Camera Market</b> René von Fintel, Basler
as of 15:45	<b>Visit of Fraunhofer Wafer Fab (subject to space availability)</b>