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FRAUNHOFER INSTITUTE FOR PHOTONIC
MICROSYSTEMS IPMS

**Fraunhofer Institute for
Photonic Microsystems IPMS**

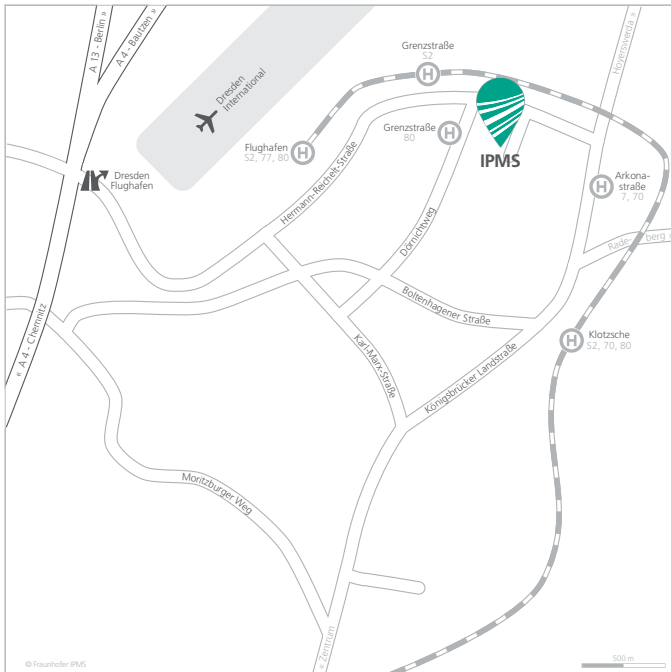
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Industry Partner Day

MEMS Technologies and Applications

December 7, 2017

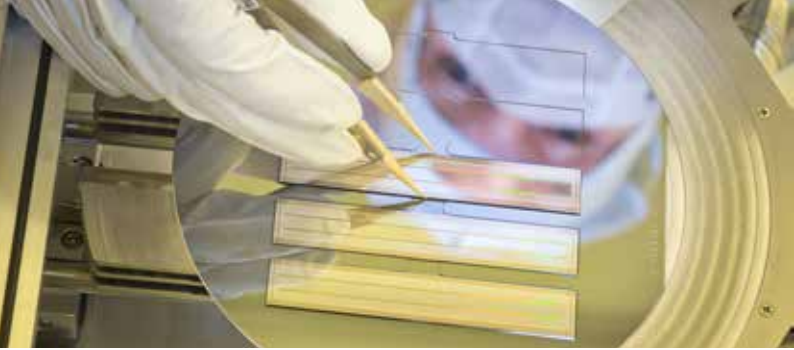
25
YEARS

APPLIED RESEARCH IN MEMS
AND MOEMS TECHNOLOGY

Fraunhofer IPMS is part of the



**Forschungsfabrik
Mikroelektronik**
Deutschland



INDUSTRY PARTNER DAY
December 7, 2017

**25 YEARS APPLIED RESEARCH IN
MEMS AND MOEMS TECHNOLOGY**

We would like to invite you to our annual Industry Partner Day with interesting talks from representatives of the semiconductor industry and cooperation partners of our research institute. The Industry Partner Day is your opportunity to gain insights into recent technology developments and industry trends. Furthermore we celebrate the 25th anniversary of our Dresden MEMS & MOEMS site.

*Participation is free of charge. Registration is required.
Please register online at
www.ipms.fraunhofer.de/en/events/2017*

FACILITIES & SERVICES

- 8.30 Registration
- 9.00 **Prof. Hubert Lakner**
Chairman | Fraunhofer Group Microelectronics
Director | Fraunhofer IPMS
Welcome & Opening
- 9.15 **Dr. Matthias Schulze**
Head of Engineering | Fraunhofer IPMS
"Fraunhofer IPMS 200 mm Extension – Technological
Chances and Challenges"
- 9.40 **Konrad Herre**
Coordinator | High Performance Center Micro/Nano
"High Performance Center Functional Integration in
Micro- and Nanoelectronics – IoT Sensor Products –
Universal Sensor Platforms for SME's"
- 10.05 **Jörg Amelung**
Coordinator | Research Fab Microelectronics Germany
"Research Fab Microelectronics Germany:
One Stop Shop for Technologies and Systems"
- 10.30 Coffee Break

TECHNOLOGIES

- 11.00 **Tord Karlin**
Director Technology Development | MYCRONIC AB
"Spatial Light Modulators in Use – 20 Years Cooperation
with Fraunhofer IPMS"
- 11.25 **Dr. Jan Grahmann**
Head of Active Microoptical Devices and Systems |
Fraunhofer IPMS
"MEMS Technology for Spectroscopy in the Medium
Infrared Range"
- 11.50 **Holger Conrad**
Mesoscopic Actuators and Systems | Fraunhofer IPMS
"Nanoscopic Electrostatic Drives"
- 12.15 **Dr. Wenke Weinreich**
Center Nanoelectronic Technologies | Fraunhofer IPMS
"Nano-powerplant for Autonomous Systems"

APPLICATIONS

- 12.40 Lunch Break
- 13.30 **Danny Kreindler**
VP Product Development | OtoNexus Medical Technologies
"Novel Applications for Capacitive Micromachined
Ultrasonic Transducers"
- 13.55 **Dr. Alexander Wolter**
General Manager | Hiperscan GmbH
"Innovations in MEMS Scanning Grating Spectroscopy"
- 14.20 **Dr. Torsten Pechstein**
Manager R&D | Endress+Hauser Conducta GmbH & Co.KG
"Ion Sensitive Field Effect Transistors"
- 14.55 **Hagen Sahn**
Manager Production Technology | SeeReal Technologies GmbH
"Real Holographic 3D Using Micro Mirror Arrays"
- 15.20 End of Session | Coffee Break | Get Together
- 16.00 MEMS Cleanroom Window Tour
SEMI Europe Members Forum 2017 – Networking Reception