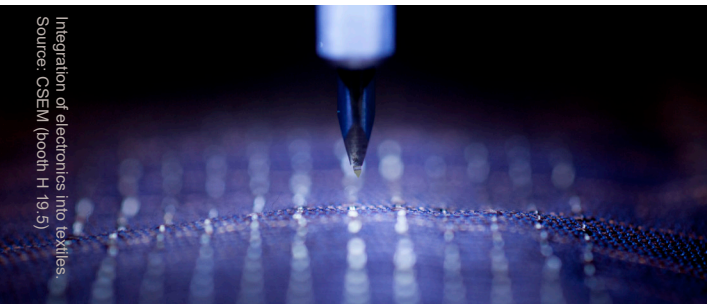




November 14-17, 2016  
Hall 8a, Booth F19, F29, F34, F35, F39, G19, H19, H23, H29

Integration of electronics into textiles.  
Source: CSEM (booth H 19.5)



## EXHIBITOR CATALOG 2016

IVAM-Product Market  
High-tech for Medical Devices  
Hall 8a

Forum Program:



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The IVAM exhibitor catalog includes all profiles of this year's exhibitors and will help you plan your visit in hall 8a. Please find also

- hall plan p.12-13
- fair plan p.14-15
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The exhibitors of the Product Market and the IVAM team invite you to visit the COMPAMED 2016. Do not miss the opportunity for networking.

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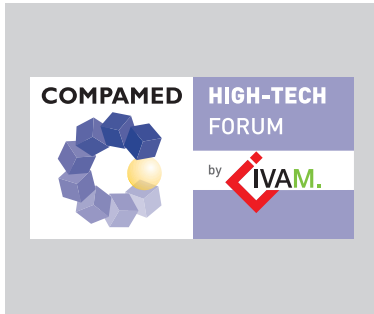
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<b>H19.2</b> Volpi	<b>H19.5</b> CSEM
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<b>G19.4</b> Fisba Optik	Storage	<b>G19.5</b> Jenoptik Polymer Systems
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**Monday, November 14**11.15 *Opening*a.m. **Dr. Thomas Dietrich**, IVAM, Dortmund, DE**Session:****Laser and Photonics Applications****Session Chair:** Dr. Alexander Olowinsky,  
Fraunhofer Institute for Laser Technology ILT, Aachen, DE11.20 **Keynote:** *Isolation of Single Circulating*a.m. *Tumor Cells from 7.5 ml of Human Blood***Dr. Michael Baßler**, Fraunhofer ICT-IMM, Mainz, DE11.50 *Autoclavable Zoom Lenses*a.m. **Martin Kuchenbecker**, Berliner Glas KGaA Herbert  
Kubatz GmbH & Co., Berlin, DE12.10 *UV - LEDs in Medical Applications*p.m. **Dr. Olaf Brodersen**,  
CiS Forschungsinstitut für Mikrosensorik GmbH, Erfurt, DE12.30 *Lasers in Medical Technology –*p.m. *Current Trends and Challenges*  
**Maximilian Brosda**, Fraunhofer Institute for Laser  
Technology ILT, Aachen, DE**Session:****Printed Electronics and Printed Diagnostics****Session Chair:** Ilkka Kaisto,  
VTT Technical Research Centre of Finland, Oulu, FI1.20 **Keynote:** *Disposable Diagnostics for*p.m. *Future Wellness and Healthcare***Marika Kurkinen**, VTT, Oulu, FI1.50 *Using Movesole's Smart Insoles in Healthcare*p.m. **Eero Kaikkonen**, Movesole Oy, Oulu, FI2.10 *Lateral Flow Device Assembly*p.m. **Jorma Venalainen**, Ginolis Ltd., Oulu, FI2.30 *Medical Sensoring Products*p.m. *with Intelligence or Intelligent Design?***Antti Tauriainen**, Screentec Oy, Oulu, FI2.50 *Innovation in 3D Printed Wearables*p.m. **Kristel Van den Bergh**, Materialise NV, Leuven, BE3.10 *Optical 3D Inspection of Printed Electronics using*p.m. *FocalSpec LCI Sensor Technology***Sauli Törmälä**, Focalspec Oy, Oulu, FI**Session: Mikrosysteme im Blick  
der Demografischen Entwicklung****Session Chairs:** Harald Pötter / Erik Jung, Fraunhofer Institute  
for Reliability and Microintegration IZM, Berlin, DE4.00 *Elektroniksysteme in der Demenzversorgung*p.m. **Matthias Lorenz**, AEMtec GmbH, Berlin, DE4.25 *Physiologisches Monitoring*p.m. *in Anwendung für die alternde Generation*  
**Dr. Andreas Caduff**, Biovotion AG, Zurich, CH4.50 *„Large Area“ Elektronik-Integration für das medizinische IoT*p.m. **Christine Kallmayer**, Fraunhofer Institute for Reliability  
and Microintegration IZM, Berlin, DE5.15 *PYRAMID – Umkehr der Versorgungs pyramid*p.m. *durch mikroelektronische Helfer*  
**Dr. Markus Detert**, Otto von Guericke University  
Magdeburg, Magdeburg, DE5.40 *Können mikroelektronische „Wearable-“*p.m. *Assistenzsysteme einen signifikanten Beitrag  
zur Gesundheitsvorsorge leisten?***Diskussion mit Publikumsbeteiligung****IVAM Focus Group Wearable Electronics**

The forum includes a special 2-hour meeting of the IVAM



Focus Group.

Session: Mikrosysteme im Blick der  
Demografischen Entwicklung

**Tuesday, November 15**

**Session:**

**Smart Sensor Solutions**



**Session Chair:** Dr. Jörg Nestler,  
BiFlow Systems GmbH, Chemnitz, DE

11.00 *Miniature Camera Modules for Medical Endoscopy*  
a.m. **Martin Wány**, AWAIBA Lda., Nürnberg, DE

11.20 *Open Lab-on-a-Chip Platform for  
Quick Biosensor and Assay Integration*  
a.m. **Dr. Jörg Nestler**, BiFlow Systems GmbH, Chemnitz, DE

11.40 *Biosensor Development Strategies  
for Next Generation Wearables*  
a.m. **Dr. Silvia Generelli**, CSEM Centre Suisse  
d'Electronique et de Microtechnique SA, Landquart, CH

12.00 *New Flexible Hand Grip Sensor*  
p.m. **Dr. Georg Astl**, Eoswiss Engineering Sarl, Geneve, CH

12.20 *Micro- and Nanotechnologies for Smart Sensor Solutions*  
p.m. **Marco Meinig**, Fraunhofer Institute for Electronic Nano  
Systems ENAS, Chemnitz, DE

12.40 *An Endoscopic Probe with Optical and  
Ultrasound Functionalities*  
p.m. **Dr. Nooshin Saedi**, Fraunhofer Institute for Electronic  
Nano Systems ENAS, Chemnitz, DE

1.00 *Break*  
p.m.

**Session Chair:** Thomas Meissner,  
Hahn-Schickard, Stuttgart, DE

1.30 *Integrated Disposable Biochip  
Cartridge for Point of Care Diagnostics*  
p.m. **Lars Blohm**, Fraunhofer Institute for  
Silicon Technology ISIT, Itzehoe, DE

1.50 *Custom Multispectral Sensors as Alternative to High  
Resolution Spectrometers – what is the right Choice for  
your Application?*  
p.m. **Kevin Jensen**, MAZeT GmbH, Jena, DE

2.10 *Challenges and Benefits during the Implementation of  
RFID Sensor Technology in Medicine and Health Care*  
p.m. **Nadin Jurisch**, microsensys GmbH, Erfurt, DE

2.30 *Humidity and Temperature Sensors in Medical and  
Diagnostic Applications*  
p.m.

**Dr. Daniel Träutlein**, Sensirion AG, Stäfa, CH

2.50 *Smart Sensor Solution: Custom-Made Nanocoatings*  
p.m. **Dr. Anke Schuetz-Trilling**, SurfIX BV, Wageningen, NL

3.10 *MEMS Smart Sensors for Intelligent Applications*  
p.m. **Dr. Emmanuel Zervakis**,  
European Sensor Systems, Koropi, GR

3.30 *Temperature Sensing in Medical Applications*  
p.m. **Rene Folle**, TE Connectivity, Wilshire, US

3.50 *Sensor and Pump: An Integrated Drug Delivery Module*  
p.m. **Jonas Horn**, Sensirion AG, Stäfa, CH

**Wednesday, November 16**

**Session:**

**Microprecision, Manufacturing and Processing**



**Session Chair:** Mona Okroy-Hellweg,  
IVAM Microtechnology Network

10.50 *Customized Neural Electrodes and High Channel  
Hermetic Packaging for Implantable Devices*  
a.m. **Dr. Fabian Kohler**, CorTec GmbH, Freiburg, DE

11.10 *Integration of Electronics in Textiles*  
a.m. **Dr. Alexander Steinecker**, CSEM, Alpnach, CH

11.30 *Micro Precision Machining and Micro Injection Molding  
for Medical Applications*  
a.m. **Marcel Röder**, Hahn-Schickard, Stuttgart, DE

11.50 *Microtechnological Solutions for Cardiac  
Infarction and Blood Glucose Monitoring*  
a.m. **Kay-Uwe Klepzig**,  
JENOPTIK Polymer Systems, Jena, DE

12.10 *Applications of Fully Integrated Active and Passive  
Flow Control in the Organ-on-a-chip, Analytical and  
Diagnostics Field.*  
p.m. **Dr. Mark Olde Riekerink**, Micronit GmbH, Enschede, NL

12.30 *High-Precision 3D Printing for Biomedical Applications*  
p.m. **Dr. Ruth Houbertz**,  
Multiphoton Optics GmbH, Würzburg, DE

12.50 *Parylene Conformal Coatings: Protecting  
p.m. Leading-Edge Medical Technologies*  
**Dick Molin**, Specialty Coating Systems, Indianapolis, US

1.10 *Large-volume Replication of Micro and  
p.m. Nano Structured Surfaces*  
**Markus Rawert**, temicon GmbH, Dortmund, DE

1.30 *Autoclavable Overmolding of Electronics –  
p.m. Precise, Miniaturised, Cost-effective*  
**Dr. Victor Callegari**, TURCK duotec GmbH, Halver, DE

### Japan Session (\* = interpreted into Japanese)



**Session Chair:** Dr. Thomas Dietrich, IVAM, Dortmund, DE

2.10 \* *Opening*  
p.m. **Dr. Andreas Moerke**, Messe Düsseldorf Japan, JP  
**Dr. Thomas Dietrich**, IVAM, Dortmund, DE

2.20 \* *Marktzulassung und Zertifizierung von  
p.m. Medizintechnikprodukten in Deutschland/Europa*  
**TBA**

2.50 \* *Vertriebsstrukturen der Medizintechnik  
p.m. in Deutschland/Europa*  
**Markus Thamm**, Salcon International, Heidelberg, DE

3.20 \* *Success Story*  
p.m. **Birger Nispel**, AirMed PLUS GmbH, Bochum, DE

3.50 *Der Japanische Markt allgemein und seine  
p.m. Bedeutung für die Erschließung Asiens*  
**Dr. Andreas Moerke**, Messe Düsseldorf Japan, JP

4.20 *Overview of the Medical Device Market in Japan*  
p.m. **Michio Hayashi**, JETRO Tokyo, JP

4.50 *Zulassung von Medizintechnikprodukten in Japan*  
p.m. **TBA**

5.20 *Closing*  
p.m. **Dr. Andreas Moerke**, Messe Düsseldorf Japan, DE  
**Dr. Thomas Dietrich**, IVAM, DE

## Thursday, November 17

### Session: Microfluidic Enabled Integrated Diagnostic and Analytical Systems



**Session Chair:** Dr. Claudia Gärtner,  
microfluidic ChipShop GmbH, Jena, Germany, DE

11.00 *Microfluidic & Diagnostics – Hot Topics*  
a.m. **Dr. Holger Becker**, microfluidic ChipShop, Jena, DE

11.10 *NEDXA – Nano Electronic Diagnostic Array: Taking  
a.m. Clinical Diagnostics to the Next Level*  
**Dr. Maria Luisa Villahermosa**, Genomica, Madrid, ES

11.30 *The RNA Challenge:*  
a.m. *Detection of RNA-Viruses for Food Safety*  
**Dr. Holger Becker**, microfluidic ChipShop, Jena, DE

11.50 *Systox – Individualized Microfluidic Multiorgan-Chip  
a.m. for the Analysis of Substance Induced Toxicity*  
**Prof. Andreas Kurtz**, Charité, Berlin, DE

12.10 *Pocket-Point-of-care System for the Label  
p.m. Free Detection of Bacterial Pathogens*  
**Bart Geers**, University of Gent, Gent, BE

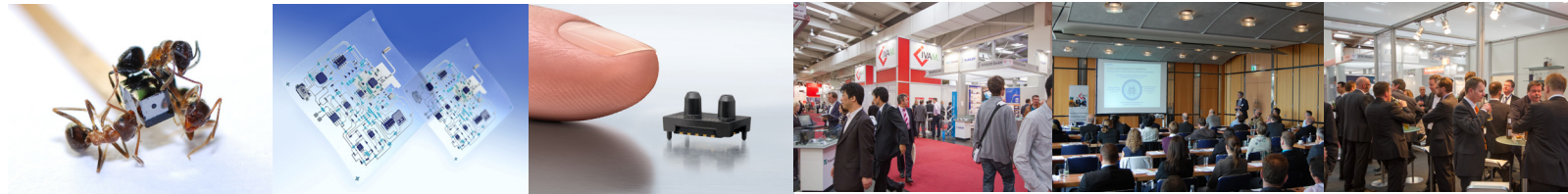
12.30 *RAMAN CTC: Enrichment, Identification and Sorting of  
p.m. Circulating Tumor Cells in a RAMAN Enhanced Microflu-  
idic System*  
**Dr. Joachim Clement**, University Hospital Jena, Jena, DE

12.50 *Optical Multichannel Microfluidic Biochip  
p.m. for Real Time Monitoring of  
Immunosuppressant Drugs*  
**Ambra Giannetti**, IFAC-CNR, Sesto Fiorentino, IT

1.10 *TeaRx – A Novel Product for Diagnostics and  
p.m. Treatment of Dry Eye Syndrome*  
**Nimrod Bin-Nun**, DiagnosTear, Tel Aviv, IL

1.40 *Dentirisk Compact Microfluidic System for Molecular  
p.m. Based Parodontitis-Testing*  
**Susanne Freyberg**, microfluidic ChipShop, Jena, DE

2.00 **Round Table Discussion**  
p.m.



Sources: CMOSIS Germany GmbH, Fraunhofer ISIT, Sensirion AG

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For more information please contact us.



IVAM Microtechnology Network  
Joseph-von-Fraunhofer-Straße 13  
44227 Dortmund, Germany  
Phone: + 49(0)231 9742 168

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Design and production of medical devices  
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# High-tech for Medical Devices

November 14-17, 2016  
Hall 8a, Booth F19, F29, F34, F35, F39, G19, H19, H23, H29

## OPENING HOURS:

November 14-17, 2016, 10 a.m.- 6:30 p.m.

## FURTHER INFORMATION

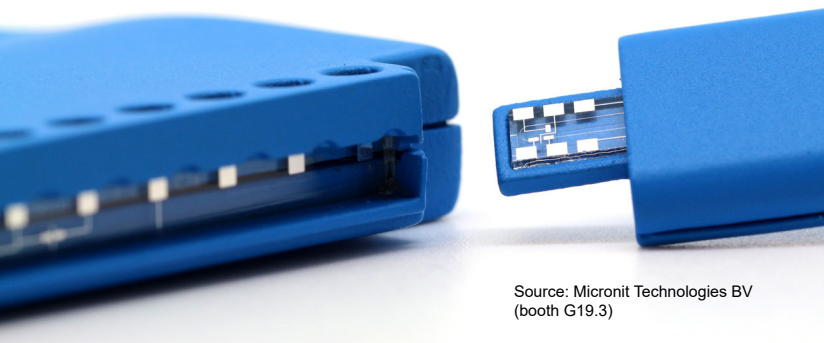
IVAM Product Market High-tech for Medical Devices

Contact:

Orkide Karasu

b2b@ivam.com

+49 231 9742 168



Source: Micronit Technologies BV  
(booth G19.3)