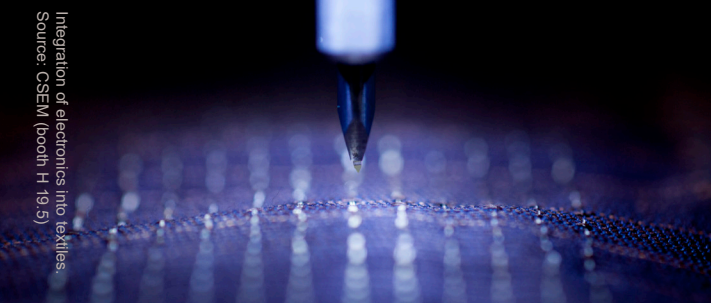




November 14-17, 2016

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
- forum program p.16-21

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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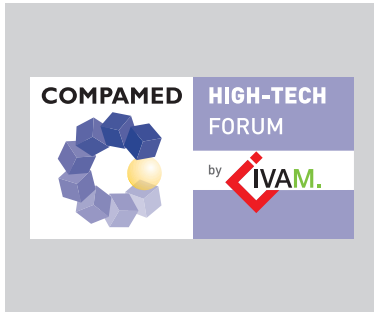
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F39

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F35

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F19

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F34

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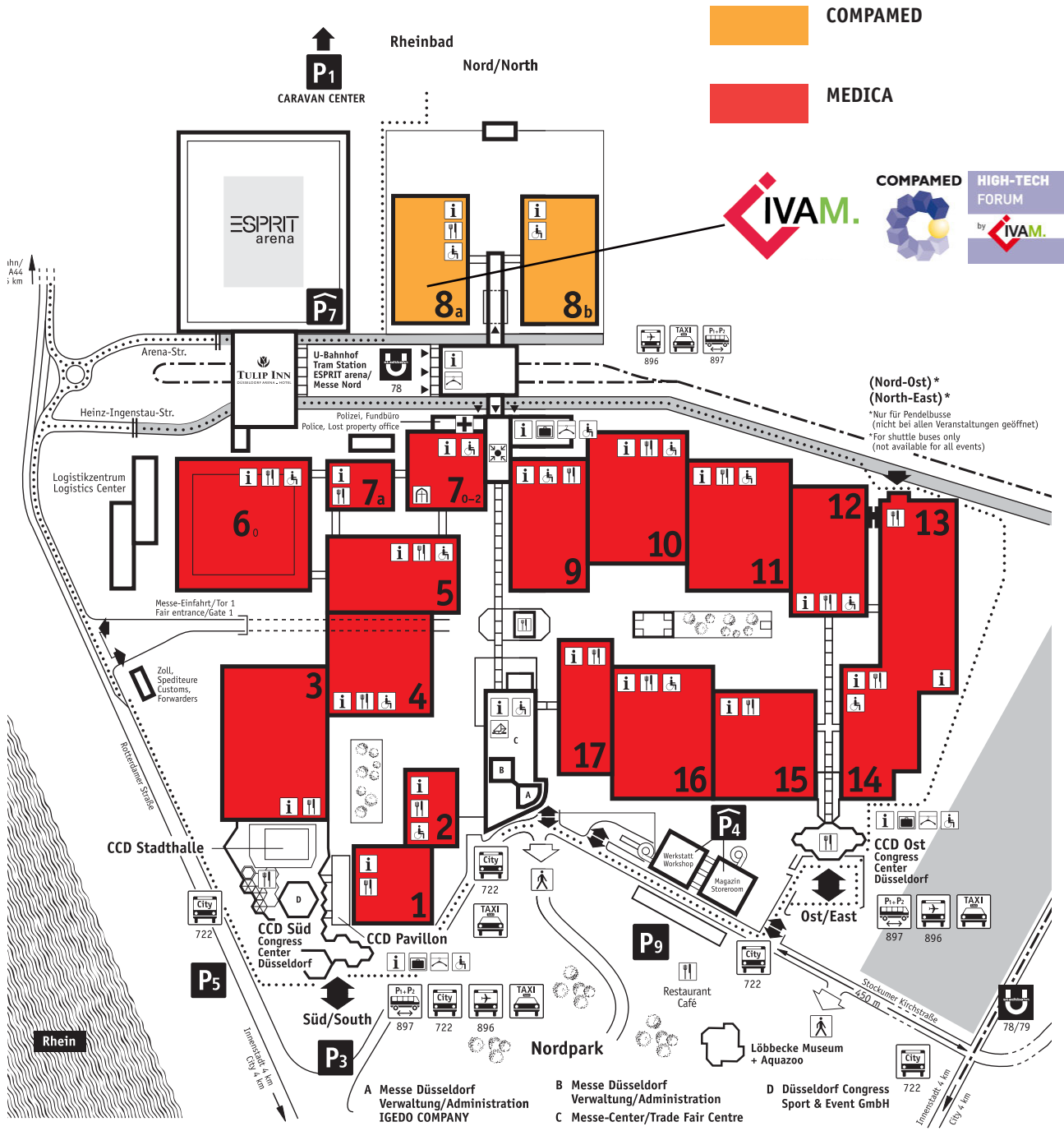
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Monday, November 1411.15 *Opening*a.m. **Dr. Thomas Dietrich**, IVAM, Dortmund, DE**Session:****Laser and Photonics Applications****Session Chair:** Dr. Alexander Olowinsky,
Fraunhofer Institute for Laser Technology ILT, Aachen, DE11.20 **Keynote:** *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 Sensing 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 Versorgungspyramide*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 *Break*
p.m.

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

1.30 *Integrated Disposable Biochip*
p.m. *Cartridge for Point of Care Diagnostics*
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*
a.m. *Hermetic Packaging for Implantable Devices*
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*
a.m. *Infarction and Blood Glucose Monitoring*
Kay-Uwe Klepzig,
JENOPTIK Polymer Systems, Jena, DE

12.10 *Applications of Fully Integrated Active and Passive*
p.m. *Flow Control in the Organ-on-a-chip, Analytical and
Diagnostics Field.*
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
Leading-Edge Medical Technologies*
p.m. **Dick Molin**, Specialty Coating Systems, Indianapolis, US

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

1.30 *Autoclavable Overmolding of Electronics –
Precise, Miniaturised, Cost-effective*
p.m. **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 * *Produktprüfungen unter der neuen
Medizinprodukte-Verordnung (MDR)**
p.m. **Stefan Hofmann**, CSA Group, Frankfurt, DE

2.50 * *Vertriebsstrukturen der Medizintechnik
in Deutschland/Europa*
p.m. **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
Bedeutung für die Erschließung Asiens*
p.m. **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. **Christoph Loerke**, AJMD K.K., Tokyo, JP
Joerg Koepke, AJMD K.K., Tokyo, JP

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
Clinical Diagnostics to the Next Level*
a.m. **Dr. Maria Luisa Villahermosa**, Genomica, Madrid, ES

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

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

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

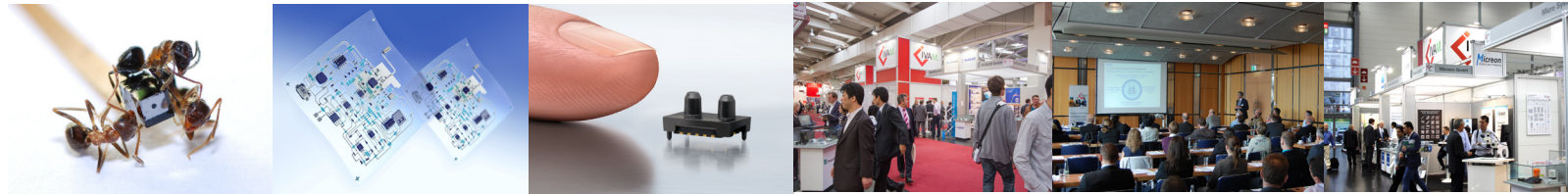
12.30 *RAMAN CTC: Enrichment, Identification and Sorting of
Circulating Tumor Cells in a RAMAN Enhanced Microflu-
idic System*
p.m. **Dr. Joachim Clement**, University Hospital Jena, Jena, DE

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

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

1.40 *Dentirisk Compact Microfluidic System for Molecular
Based Parodontitis-Testing*
p.m. **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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November 14-17, 2016, 10 a.m.- 6:30 p.m.

FURTHER INFORMATION

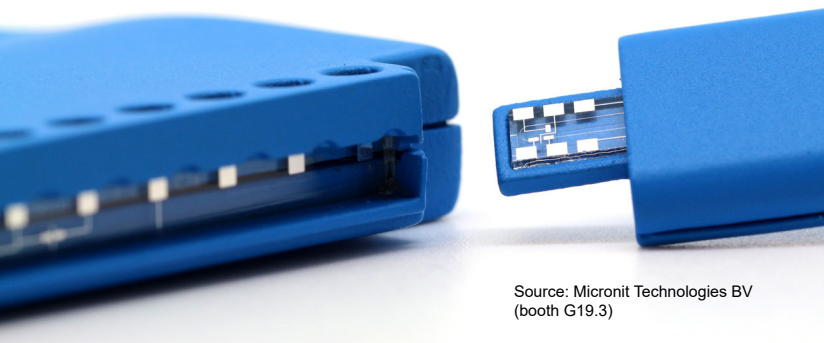
IVAM Product Market High-tech for Medical Devices

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Source: Micronit Technologies BV
(booth G19.3)