

MONTAG / MONDAY 14 NOVEMBER 2016

COMPAMED

HIGH-TECH
FORUM

COMPAMED HIGH-TECH
FORUM by IVAM
Halle / Hall 8a G40



Freier Zugang mit gültigem Messticket bzw. Ausstellerausweis!
Free entrance with a valid trade fair ticket or exhibitor badge!

11.15 a.m.



Opening

Dr. Thomas R. Dietrich, IVAM Microtechnology
Network, Dortmund, DE

Session:

Laser & Photonics Applications

Session chair: Dr. Alexander Olowinsky,
Fraunhofer Institute for Laser Technology ILT,
Aachen, DE

11.20 a.m.



Keynote: Isolation of Single Circulating

Tumor Cells from 7.5 ml of Human Blood
Dr. Michael Baßler, Fraunhofer ICT-IMM,
Mainz, DE

11.50 a.m.



Cancelled on short notice – please visit Berliner Glas at booth G19.6

Martin Kuchenbecker, Berliner Glas KGaA
Herbert Kubatz GmbH & Co., Berlin, DE

12.10 p.m.



UV-LEDs in Medical Applications

Dr. Olaf Brodersen, CiS Forschungsinstitut
für Mikrosensorik GmbH, Erfurt, DE

12.30 p.m.



Lasers in Medical Technology – Current Trends and Challenges

Maximilian Brosda, Fraunhofer Institute for
Laser Technology ILT, Aachen, DE

1.10 p.m.

Break

Session:

Printed Electronics and Printed Diagnostics

Session Chair: Ilkka Kaisto,
VTT Technical Research Centre of Finland,
Oulu, FI

1.20 p.m.



Keynote: Disposable Diagnostics for Future Wellness and Healthcare

Marika Kurkinen, VTT, Oulu, FI

1.50 p.m.



Using Movesole's Smart Insoles in Healthcare

Eero Kaikkonen, Movesole Oy, Oulu, FI

2.10 p.m.



Lateral Flow Device Assembly

Jorma Venalainen, Ginolis Ltd., Oulu, FI

2.30 p.m.



Medical Sensing Products with Intelligence or Intelligent Design?

Antti Tauriainen, Screentec Oy, Oulu, FI

2.50 p.m.



Innovation in 3D Printed Wearables

Kristel Van den Bergh, Materialise NV,
Leuven, BE

3.10 p.m.



Optical 3D Inspection of Printed Electronics Using FocalSpec LCI Sensor Technology

Sauli Törmälä, Focalspec Oy, Oulu, FI

3.30 p.m.

Break

MONTAG / MONDAY
14 NOVEMBER 2016

Session:

Mikrosysteme im Blick der Demografischen Entwicklung

Session Chairs: Harald Pötter / Erik Jung,
Fraunhofer Institute for Reliability and
Microintegration IZM, Berlin, DE

16.00 Uhr 

Elektroniksysteme in der Demenzversorgung
Matthias Lorenz, AEMtec GmbH, Berlin, DE

16.25 Uhr 

**PYRAMID – Umkehr der Versorgungspyramide
durch mikroelektronische Helfer**
Dr. Markus Detert, Otto von Guericke University
Magdeburg, Magdeburg, DE

16.50 Uhr 

**Physiologisches Monitoring in Anwendung für die
alternde Generation**
Dr. Andreas Caduff, Biovotion AG, Zurich, CH

17.15 Uhr 

**"Large Area" Elektronik-Integration für das
medizinische IoT**
Christine Kallmayer, Fraunhofer Institute for
Reliability and Microintegration IZM, Berlin, DE

17.40 Uhr 

**Können mikroelektronische „Wearable-“
Assistenzsysteme einen signifikanten Beitrag
zur Gesundheitsvorsorge leisten?**
Diskussion mit Publikumsbeteiligung:
M. Lorenz, A. Caduff, C. Kallmayer, M. Detert

DIENSTAG / TUESDAY
15 NOVEMBER 2016

Session:

Smart Sensor Solutions

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

11.00 a.m. 

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

11.20 a.m. 

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

11.40 a.m. 

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

12.00 noon 

New Flexible Hand Grip Sensor
Dr. Georg Astl, Eoswiss Engineering Sarl,
Geneve, CH

12.20 p.m. 

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

1.00 p.m.

Break

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

1.30 p.m. 

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

1.50 p.m. 

**Custom Multispectral Sensors as Alternative
to High Resolution Spectrometers – What is the
right Choice for your Application?**
Kevin Jensen, MAZet GmbH, Jena, DE

DIENSTAG / TUESDAY
15 NOVEMBER 2016

MITTWOCH / WEDNESDAY
16 NOVEMBER 2016

2.10 p.m.



Challenges and Benefits during the Implementation of RFID Sensor Technology in Medicine and Health Care

Nadin Jurisch, microsensys GmbH, Erfurt, DE

2.30 p.m.



Humidity and Temperature Sensors in Medical and Diagnostic Applications

Dr. Daniel Träutlein, Sensirion AG, Stäfa, CH

2.50 p.m.



Smart Sensor Solution: Custom-Made Nanocoatings

Dr. Anke Schuetz-Trilling, SurfIX BV, Wageningen, NL

3.10 p.m.



MEMS Smart Sensors for Intelligent Applications

Dr. Emmanuel Zervakis, European Sensor Systems, Koropi, GR

3.30 p.m.



Temperature Sensing in Medical Applications

Rene Folle, TE Connectivity, Wilshire, US

3.50 p.m.



Sensor and Pump: An Integrated Drug Delivery Module

Jonas Horn, Sensirion AG, Stäfa, CH

Session:

Microprecision, Manufacturing and Processing

Session Chair: Mona Okroy, IVAM Microtechnology Network, Dortmund, DE

10.50 a.m.



Customized Neural Electrodes and High Channel Hermetic Packaging for Implantable Devices

Dr. Fabian Kohler, CorTec GmbH, Freiburg, DE

11.10 a.m.



Integration of Electronics in Textiles

Dr. Alexander Steinecker, CSEM Centre Suisse d'Electronique et de Microtechnique SA, Alpnach, CH

11.30 a.m.



Micro Precision Machining and Micro Injection Molding for Medical Applications

Marcel Röder, Hahn-Schickard, Stuttgart, DE

11.50 a.m.



Microtechnological Solutions for Cardiac Infarction and Blood Glucose Monitoring

Kay-Uwe Klepzig, JENOPTIK Polymer Systems, Jena, DE

12.10 p.m.



Applications of Fully Integrated Active and Passive Flow Control in the Organ-on-a-chip, Analytical and Diagnostics Field

Dr. Mark Olde Riekerimk, Micronit GmbH, Enschede, NL

12.30 p.m.



High-Precision 3D Printing for Biomedical Applications

Dr. Ruth Houbertz, Multiphoton Optics GmbH, Würzburg, DE

12.50 p.m.



Parylene Conformal Coatings: Protecting Leading-Edge Medical Technologies

Dick Molin, Specialty Coating Systems, Indianapolis, US

1.10 p.m.



Large-volume Replication of Micro and Nano Structured Surfaces

Markus Rawert, temicon GmbH, Dortmund, DE

MITTWOCH / WEDNESDAY 16 NOVEMBER 2016

1.30 p.m.




Autoclavable Overmolding of Electronics – Precise, Miniaturised, Cost-effective

Dr. Victor Callegari, TURCK duotec GmbH,
Halver, DE

Japan Session

Session Chair: Dr. Thomas R. Dietrich,
IVAM Microtechnology Network, Dortmund, DE

 [*simultaneous interpretation DE/JP]

2.10 p.m.



Opening

Dr. Andreas Moerke, Messe Düsseldorf Japan, JP
Dr. Thomas Dietrich, IVAM, Dortmund, DE

14.20 Uhr



Produktprüfungen unter der neuen Medizin- produkte-Verordnung (MDR)*

Stefan Hofmann, CSA Group, Frankfurt, DE

14.50 Uhr



Vertriebsstrukturen der Medizintechnik in Deutschland/Europa*

Markus Thamm, Salcon International,
Heidelberg, DE

3.20 p.m.



Success Story*

Birger Nispel, AirMed PLUS GmbH, Bochum, DE

15.50 Uhr



Japanischer Markt allgemein und seine Bedeutung fuer die Erschliessung Asiens

Dr. Andreas Moerke, Messe Duesseldorf Japan, JP

4.20 p.m.



Overview of the Medical Device Market in Japan

Michio Hayashi, Overseas Business Development
Expert, JETRO Tokyo, JP

16.50 Uhr



Zulassung von Medizintechnikprodukten in Japan

Christoph Loerke AJMD K.K., Tokyo, JP
Joerg Koepke, AJMD K.K., Tokyo, JP

5.20 p.m.



Closing

Dr. Moerke, Messe Duesseldorf Japan, JP
Dr. Thomas Dietrich, IVAM Microtechnology
Network, Dortmund, DE

DONNERSTAG / THURSDAY 17 NOVEMBER 2016

Session:

Microfluidic Enabled Integrated Diagnostic and Analytical Systems

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

11.00 a.m.



Microfluidic and Diagnostics – Hot Topics

Dr. Holger Becker, microfluidic ChipShop,
Jena, DE

11.10 a.m.



NEDXA – Nano Electronic Diagnostic Array: Taking Clinical Diagnostics to the Next Level

Dr. María Luisa Villahermosa, Genomica,
Madrid, ES

11.30 a.m.



The RNA Challenge: Detection of RNA Viruses for Food Safety

Dr. Holger Becker, microfluidic ChipShop,
Jena, DE

11.50 a.m.



Systox – Individualized Microfluidic Multiorg- an-Chip for the Analysis of Substance-Induced Toxicity

Prof. Andreas Kurtz, Charité, Berlin, DE

12.10 p.m.



Pocket-Point-of-Care System for the Label-Free Detection of Bacterial Pathogens

Bart Geers, University of Gent, Gent, BE

12.30 p.m.



RAMAN CTC: Enrichment, Identification and Sorting of Circulating Tumor Cells in a RAMAN Enhanced Microfluidic System

Dr. Joachim Clement, University Hospital Jena,
Jena, DE

DONNERSTAG / THURSDAY
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12.50 p.m.



**Optical Multichannel Microfluidic Biochip
for Real Time Monitoring of Immunosuppressant
Drugs**

Ambra Giannetti, IFAC-CNR, Sesto Fiorentino, IT

1.10 p.m.



**TeaRx – A Novel Product for Diagnostics
and Treatment of Dry Eye Syndrome**

Nimrod Bin-Nun, DiagnosTear, Tel Aviv, IL

1.40 p.m.



**Dentirisk – Compact Microfluidic System for
Molecular Based Parodontitis-Testing**

Susanne Freyberg, microfluidic ChipShop,
Jena, DE

Stand: Oktober 2016 / Änderungen vorbehalten!
Das aktuelle Programm finden Sie im Internet unter:
www.compamed.de/CHF1

Status: October 2016 / Subject to change without notice!
The current programme can be found online at:
www.compamed.de/CHF2