

COMPAMED



COMPAMED/MEDICA

November 17<sup>th</sup> to 19<sup>th</sup>, 2010  
Hall 8a, Booth F19, F29, F34, G19, G29, H19, H29



## EXHIBITOR CATALOG 2010

Product Market  
High-tech for Medical Devices

Forum Program “High-tech for  
Medical Devices” on page 18

We make your  
business happen.



## Product Market High-tech for Medical Devices

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## Business Partner

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## **Product Market High-tech for Medical Devices Micro, Nano & Material Technology**

Dear Visitor,  
Medical technology is considered to be one of the most promising markets. Innovations in micro and nano technology enable constant improvement of medical devices, resulting in fewer costs, enhanced methods of treatment and better patient care.

IVAM - as an international association of companies and institutes in the field of microtechnology, nanotechnology and advanced materials - brings together suppliers and users of high-tech and connects innovative companies and institutes from all over the world. We know that the best connections are made in person and are pleased to support 40 companies and institutes situated at the IVAM joint pavilion during this years COMPAMED. Our goal is to offer the best networking opportunities to our exhibitors and guests, and to ensure that they are well informed and able to experience the benefits of such a large exhibition.

This guide gives you an overview of the international companies from Germany, Austria, Switzerland, USA, UK, Greece and the Netherlands who will be exhibiting at this years IVAM joint pavilion within the COMPAMED. It shortly presents what the exhibitors offer at the IVAM Product Market. The Product Market is placed in hall 8a (F19, F29, F34, G19, G29, H19, H29).

Moreover visitors of the fair will gain exclusive insights into areas of applications of micro and nano technology within medical technology at the corresponding forum "High-tech for Medical Devices" which is a great platform to get a view on latest high-tech applications and to keep yourself up-to-date.

If you are interested or have any questions please find the IVAM team near the Business Lounge (G29), who will be pleased to be of further assistance.

## **Always up to date**

[www.ivam.com](http://www.ivam.com) / [www.neuematerialien.de](http://www.neuematerialien.de)  
The latest news pertaining to our co-exhibitors and other events related to the COMPAMED can be accessed on our websites at [www.ivam.com](http://www.ivam.com) or [www.neuematerialien.de](http://www.neuematerialien.de).

## **IVAM Directory Online**

Find your appropriate technology supplier in your vicinity or other regions through the IVAM Directory Online. It is accessible through [www.ivam.com](http://www.ivam.com).

## **IVAM Research**

Surveys on topics including high-tech clusters, entrepreneurship, labour organization and technology are conducted by the economic research division of IVAM and can be accessed at [www.ivam-research.com](http://www.ivam-research.com).

We are confident that this exhibition will provide the means for you to make many valuable connections and allow you to better inform yourself about upcoming innovations in the medical field.

We are looking forward to meeting you at COMPAMED!

Your IVAM Team

IVAM Microtechnology Network  
Emil-Figge-Straße 76  
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Internet: [www.ivam.com](http://www.ivam.com) / [www.neuematerialien.de](http://www.neuematerialien.de)

## Exhibitors of the IVAM Joint Pavilion



**ACEOS GmbH**  
Fürth, DE

H29/7

Contact:  
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Tel.: +49 911 4775 27 0  
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www.aceos.com  
info@aceos.com

- O2 Sensors
- O2-CO2 Sensor Modules
- O2-CO2-Flow Sensor Modules



**AEMtec GmbH**  
Berlin, DE

F19/1

Contact:  
Matthias Lorenz

Tel.: +49 30 6392 7300  
Fax: +49 30 6392 7302  
www.aemtec.com  
info@aemtec.com

- Miniaturization & Industrialization
- Product- and Process Development
- EMS for High Complex Medical Devices



**Chemviron Carbon**  
Cloth Division  
Houghton-le-Spring, UK

H19/3

Contact:  
Melissa Collins

Tel.: +44 191 584 6962  
Fax: +44 191 584 6793  
www.chemvironcarbon.com/en/  
activated-carbon-cloth  
mcollins@calgoncarbon-eu.com

- Activated Carbon Cloth
- Wound Dressings, Ostomy
- Filters, Respiratory Masks



Forschungsinstitut  
für Mikrosensorik  
und Photovoltaik GmbH

**CiS Forschungsinstitut für Mikro-  
sensorik und Photovoltaik GmbH**  
Erfurt, DE

H29/6

Contact:  
Dr. Olaf Brodersen

Tel.: +49 361 6631 428  
Fax: +49 361 6631 476  
www.cismst.de  
info@cismst.de

- Optical Monitoring of Vital Signs
- In-Ear Spectroscopy
- Force and Pressure Sensors for Medical Applications

**alicon**a

**Alicon GmbH**  
Grambach/Graz, AT

H29/5

Contact:  
Sabine Ablinger

Tel.: +43 316 4000 700  
Fax: +43 316 4000 711  
www.alicon.com  
sabine.ablinger@alicon.com

- Optical 3D Measurement
- Form & Roughness Measurement
- Quality Assurance in the Lab & in Production

**Bartels** mikrotechnik

**Bartels Mikrotechnik GmbH**  
Dortmund, DE

H19/2

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Tel.: +49 231 9742 500  
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www.bartels-mikrotechnik.de  
company@bartels-mikrotechnik.de

- Bartels microComponents: Micropumps, Microvalves, Microfilters
- Bartels microEngineering: Design and Development of Customized Microfluidic Solutions



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F19/1

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**Fraunhofer Institute for  
Manufacturing Technology and  
Advanced Materials**  
Bremen, DE

H19/4

Contact:  
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Fax: +49 421 2246 300  
www.ifam.fraunhofer.de  
info@ifam.fraunhofer.de

- Micro Injection Moulding
- Biomaterials
- Medical Technology



**Carl Zeiss Industrielle  
Messtechnik GmbH**  
Oberkochen, DE

F29/3

Contact:  
Werner Gerstner

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Fax: +49 7364 2038 70  
www.zeiss.de/imt  
imt@zeiss.de

- Optical and Contact Coordinate Measuring Technology
- Inline Measuring
- Quality Assurance



**CDA Datenträger Albrechts  
GmbH**  
Albrechts, DE

H29/2

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Tel.: +49 3681 387 106  
Fax: +49 3681 387 216  
www.cda.de  
nicolaus.hettler@cda.de

- Micro-Optics
- Micro-Fluidics
- Micro-Mechanics



**Fraunhofer Institute for  
Laser Technology**  
Aachen, DE

H19/1

Contact:  
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Fax: +49 241 8906 121  
www.ilt.fraunhofer.de/  
arnold.gillner@ilt.fraunhofer.de

- Micro Technology
- Micro Joining
- Laser Technology



**FRT, Fries Research &  
Technology GmbH**  
Bergisch Gladbach, DE

H29/4

Contact:  
Dr. Thomas Fries

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www.frt-gmbh.com  
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**GS Swiss PCB AG**  
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F19/1

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H29/1

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- 3D-MID Technology for Medical Components
- Micro Technology
- Micro Packaging



**IVAM Research**  
Dortmund, DE

G29

Contact:  
Iris Lehmann

Tel.: +49 231 9742 149  
Fax: +49 231 9742 150  
www.ivam-research.com  
info@ivam.com

- Economic Research for the Micro-technology, Nanotechnology and Advanced Materials Industries
- Micro/Nano Atlas of Europe
- Surveys on Nanotechnology, Start-ups and Technology Clusters



**JENOPTIK Polymer**  
Systems GmbH  
Triptis, DE

G29/1

Contact:  
Ingolf Reischel

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Fax: +49 36482 111  
www.jenoptik.com/oes  
ingolf.reischel@jenoptik-ps.de

- Microlenses, Assembly
- Endoscopy, Optoelectronic Modules
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HNP Mikrosysteme GmbH

**HNP Mikrosysteme GmbH**  
Parchim, DE

G29/5

Contact:  
Philipp Adryan

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Fax: +49 3871 451 333  
www.hnp-mikrosysteme.de  
info@hnp-mikrosysteme.de

- Micro Annular Gear Pumps
- Liquid Handling Equipment
- Industrial Micro Fluidics



**HSG-IMIT**  
Villingen-Schwenningen, DE

H19/5

Contact:  
Moritz Faller, Monika Teichner

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Fax: +49 7721 943 210  
www.hsg-imit.de  
info@hsg-imit.de

- Microsystems Technology
- Micro Medical Technology
- Microdosage Systems



**Karodur GmbH**  
Troisdorf, DE

G19/5

Contact:  
Ulrich Hensellek

Tel.: +49 2241 9494 08  
Fax: +49 2241 4015 45  
www.karodur.com  
info@karodur.de

- Waterjet Cutting 2-d 3-d
- Micro Waterjet Cutting
- Moulding Technology



**LACROIX Electronique**  
Willich, DE

F19/2

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Melanie Pinger

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Fax: +49 2154 498 101  
www.lacroix-electronics.com  
marketing@lacroix-electronics.com

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G29/4

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pkirkegaard@imtag.ch

- BioChips and Sensors
- Wave Guides with Gratings
- Microfluidic Components



**IVAM Microtechnology**  
Network, Dortmund, DE

G29

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info@ivam.com

- Technology Marketing
- International Business Contacts
- Micro/Nanotechnology- and Advanced Materials Network



**Micreon GmbH**  
Hanover, DE

G29/7

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Fax: +49 511 277 2039  
www.micreon.de  
info@micreon.de

- Laser Micro Machining
- Ultrafast Lasers
- Laser Job Shop

**microsystems** microsystems.uk.com

**Micro Systems (UK) Ltd**  
Warrington, UK

G19/4

Contact:  
Philip Tipler

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Fax: +44 1942 7272 92  
www.microsystems.uk.com  
info@microsystems.uk.com

- Micro Injection Moulding
- Micro Moulds
- Micro Machining



**Microelectronic Packaging Dresden GmbH**  
Dresden, DE

F29/6

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Fax: +49 351 2136 109  
www.mpd.de  
info@mpd.de

- Sensor Assembly for Medical Devices
- MEMS - Based and Optoelectronic Sensors
- Cleanroom Production



**microfluidic ChipShop GmbH, CD-Medics (Project), Jena, DE**

F29/4

Contact:  
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Tel.: +49 3641 3470 511  
Fax: +49 3641 3470 590  
www.microfluidic-chipshop.com  
claudia.gaertner@microfluidic-chipshop.com

- CD-Medics
- Point-of-Care Diagnostics
- Lab-on-a-Chip

# PHILIPS

**Philips Research Eindhoven, NL**

F29/7

Contact:  
Nick Campbell

Tel.: +31 40 27 47896  
Fax: +31 40 27 43350  
www.research.philips.com  
nick.campbell@philips.com

- Development of MEMS, Microfluidic Technologies and Devices
- Development of Sensor Systems and Electronics
- Analytical Services and Development of Analytical Techniques



**PTF - Präzisionsteilfertigung Steffen Pfüller e.K. Stollberg, DE**

G19/2

Contact:  
Oliver F. Zintl

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Fax: +49 37296 92723 898  
www.precision-ptf.com  
o.zintl@precision-ptf.com

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- CNC Turning
- Assembly



**Micro-Hybrid Electronic GmbH**  
Hermisdorf, DE

H29/6

Contact:  
Siegfried Rank

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Fax: +49 36601 592 110  
www.micro-hybrid.de  
contact@micro-hybrid.de

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- Sterilizable Electronics & Components
- Services in Electronics and MEMS



**Micromotion GmbH**  
Mainz, DE

F29/2

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Fax: +49 6131 6692 720  
www.micromotion-gmbh.de  
info@micromotion-gmbh.de

- Micro Drive Engineering
- Micro Gears
- Micro Positioning Systems



**RKT GmbH**  
Roding, DE

G29/3

Contact:  
Peter Wagner

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Fax: +49 9461 954 180  
www.rkt.de  
info@rkt.de

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**ROFIN-BAASEL Lasertech GmbH & Co.KG**  
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F34

Contact:  
Dieter Mairhörmann

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www.rofin.com/medical  
dm@baasel.de

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- Lasers for Welding
- Lasers for Marking



**NanoFocus AG**  
Oberhausen, DE

G19/3

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Rouven Lenz

Tel.: +49 208 62000 0  
Fax: +49 208 62000 99  
www.nanofocus.de  
info@nanofocus.de

- Optical 3D Surface Measurement
- Roughness
- Micro Geometry



**PARIttec GmbH**  
Weilheim, DE

F29/8

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Tel.: +49 881 9410 554  
Fax: +49 881 9410 28  
www.microrun.de  
c.glienke@paritec.de

- Micro Pump
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**Sensirion - the sensor company**  
Stäfa, CH

G19/1

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Sensirion Sales Services

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info@sensirion.com

- Flow Sensor Solutions
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**Specialty Coating Systems**  
Indianapolis, US

F29/1

Contact:  
Lonny Wolgemuth

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**UST Umweltsensortechnik GmbH**  
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Dr. Olaf Kiesewetter

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www.umweltsensortechnik.de  
info@umweltsensortechnik.de

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- Gas Sensors
- Gas Leak Detectors

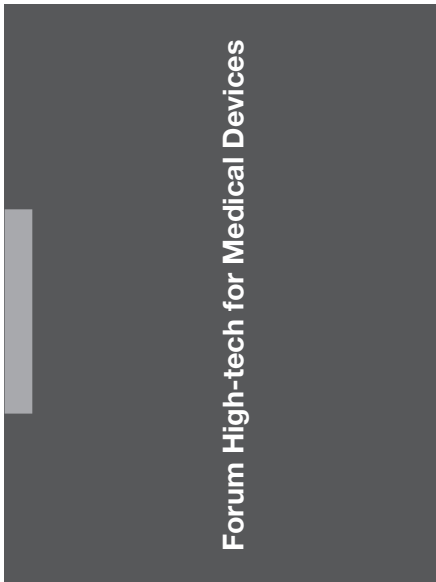


**Veeco Instruments Mannheim, DE**

Contact:  
Klaus Pross

Tel.: +49 621 84210 0  
Fax: +49 621 84210 22  
www.veeco.com  
kpross@veeco.de

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- Stylus Profilers
- Optical Profilers



H 29

H29/1 HARTING AG	H29/2 CDA Datenträger Albrechts GmbH	H29/3 Symelec S.A.	H29/4 FRT, Fries Research & Technology GmbH
H29/5 Alicon	Storage H29	H29/6 CIS Micro Hybrid Electronic GmbH	H29/7 ACEOS

H19/1

Fraunhofer Institute  
for Laser Technology  
(ILT)Storage  
H19

H19/2

Bartels  
Mikrotechnik  
GmbH

H 19

H19/3

Chemviron  
Carbon Cloth  
Division

H19/4

Fraunhofer Institute  
for Manufacturing  
Technology and  
Applied Materials  
Research (IFAM)

H19/5

HSG-IMIT

G 29

G29/1 JENOPTIK Polymer Systems GmbH	G29/2 UST Umwelt- sensor- technik GmbH	Kitchen		
<p><b>Business Lounge</b></p>				
G29/3 RKT GmbH	G29/4 IMT Masken und Teilungen AG	G29/5 HNP Mikrosysteme GmbH	G29/6 Veeco Instruments	G29/7 Micreon

G19/1

Sensorion – The sensor company

G 19

Storage G19

G19/5

Karodur

G19/2

PTF - Präzisions-  
teilefertigung  
Steffen Prüfler  
e.K.

G19/3

NanoFocus AG

G19/4

Micro Systems  
(UK) Ltd

F 29

F29/1 Specialty Coating Systems	F29/2 Micromotion	F29/3 Carl Zeiss Industrielle Messtechnik GmbH	F29/4 microfluidic ChipShop GmbH / CD-Medics (Project)
F29/5 THEON SENSORS S.A.	F29/6 Microelectronic Packaging Dresden GmbH	F29/7 Phillips Research	F29/8 PARitec GmbH

EMS for Medical Devices

F19/1

AEMtec GmbH

ECR AG

GS Swiss PCB AG

F19/2

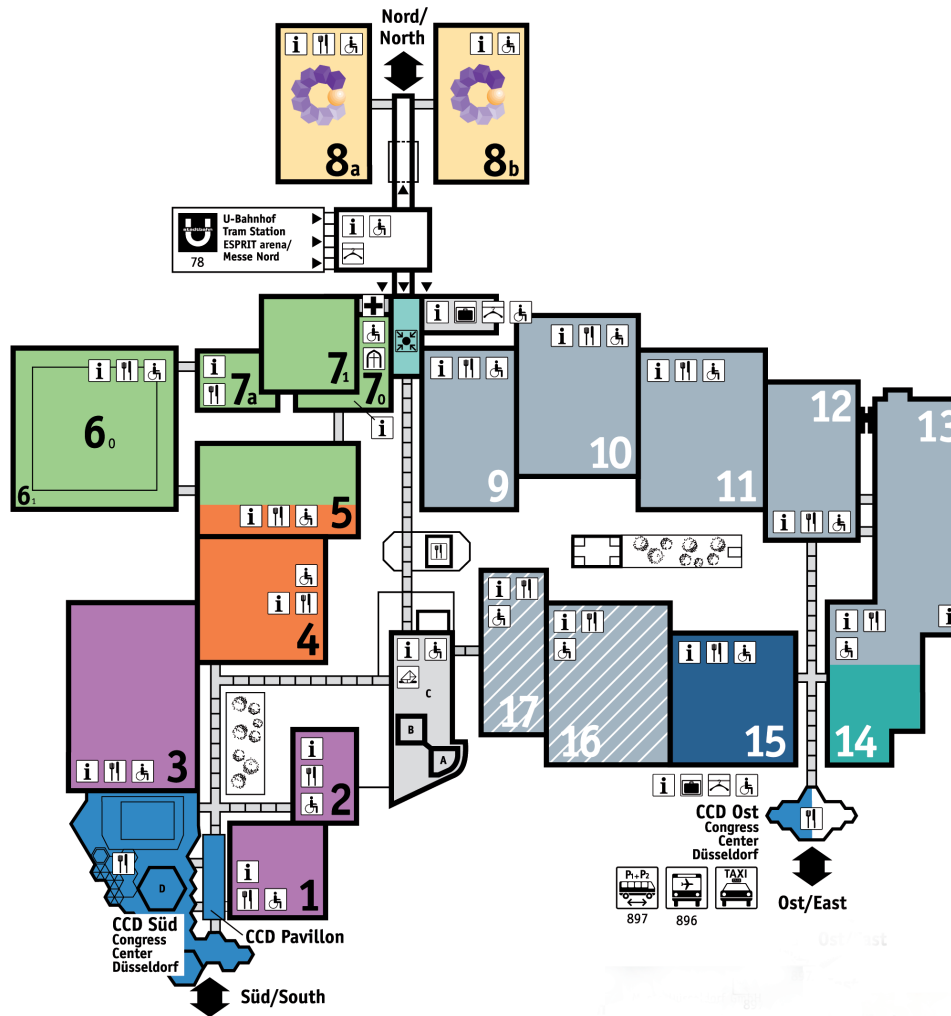
LACROIX  
Electronics GmbH

F 19

F 34

Storage 4	Meeting Room	F34 ROFIN-BAASEL Lasertech GmbH & Co.KG
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Weltforum der Medizin  
World Forum for Medicine

Hallen/Halls 1, 2, 3	Halle/Hall 3
<ul style="list-style-type: none"> <li>Labortechnik, Diagnostica Laboratory equipment, diagnostics</li> </ul>	MEDICA VISION FORUM
Hallen/Halls 4, 5	Halle/Hall 4
<ul style="list-style-type: none"> <li>Physiotherapie/Orthopädietechnik Physiotherapy/orthopaedic equipment</li> </ul>	MEDICA PHYSIO FORUM
Hallen/Halls 5, 6, 7.0, 7.1, 7a	
<ul style="list-style-type: none"> <li>Bedarfs- und Verbrauchsartikel, Textilien Disposables, commodities and consumer goods, textiles</li> </ul>	
Hallen/Halls 8a, 8b	Halle/Hall 8a
<ul style="list-style-type: none"> <li>COMPAMED High tech solutions for medical technology</li> </ul>	NAM Forum Hightech for Medical Devices
Hallen/Halls 9 - 14	Halle 11/ Hall 11
<ul style="list-style-type: none"> <li>Elektromedizin, Medizintechnik, OP-Technik und Einrichtung Electromedicine, medical technology, operating technology and equipment</li> <li>Krankenhauseinrichtung, Kommunikations-Systeme Hospital equipment, communication systems</li> </ul>	MEDICA TECH FORUM
Halle/Hall 15	Halle/Hall 15
<ul style="list-style-type: none"> <li>Informations- und Kommunikationstechnik Information and communications technology</li> </ul>	MEDICA MEDIA FORUM
Hallen/Halls 16, 17	
<ul style="list-style-type: none"> <li>Nationale und internationale Gemeinschaftsstände, Elektromedizin, Medizintechnik National and international joint participants Electromedicine, medical technology</li> </ul>	
	CCD Süd CCD Ost CCD Pavillon
	MEDICA CONGRESS
	CCD Ost
	Deutscher Krankenhausstag
	Eingang Nord/Mall Entrance North/Mall
	MEDICA BUSINESS CENTER

### Öffnungszeiten/opening hours:

#### MEDICA

17. -19. November 2010

10:00 - 18:30 h

20. November 2010

10:00 - 17:00 h

[www.medica.de](http://www.medica.de)

#### COMPAMED

17. -19. November 2010

10:00 - 18:30 h

[www.compamed.de](http://www.compamed.de)

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Fax +49 (0) 2 11/45 60-6 68  
[www.messe-duesseldorf.de](http://www.messe-duesseldorf.de)



<b>Wednesday, November 17</b> 1:05 p.m. - 3:30 p.m.		
<b>Session Chair: Dr. Uwe Schnakenberg, RWTH Aachen, Aachen, DE</b>		<b>Presenter</b>
1:05 p.m.	<b>Opening</b>	Dr. Uwe Kleinkes, IVAM Research, Dortmund, DE
1:10-1:30 p.m.	From Prototyping to Mass Production - New Services from Sony DADC for Polymeric Consumables	Dr. Georg Bauer, Sony DADC Austria AG, Anif/Salzburg, AT
1:30-1:50 p.m.	Metrology for MEMS Production	Dr. Thomas Fries, FRT Fries Research & Technology GmbH, Bergisch Gladbach, DE
1:50-2:10 p.m.	Flow Controlled Micropumps – Closing the Gap towards Medical Applications	Severin Dahms, Bartels Mikrotechnik GmbH, Dortmund, DE
2:10-2:30 p.m.	Medimetrics - Personalized Drug Delivery Solutions	Dr. Olaf Weiner, Philips Research, Eindhoven, NL
2:30-2:50 p.m.	Life Cycle Management - The Right Skills for any Stage of Product's Life	Dan Negrea (MScEE), AEMtec GmbH, Berlin, DE
2:50-3:10 p.m.	Multi-Parameter Analysis - Miniaturization of Optoelectronic Readers for POC Handheld Devices	Ingolf Reischel, Jenoptik Polymer Systems GmbH, Triptis, DE
<b>3:10-3:30 p.m. Break</b>		
<b>Wednesday, November 17</b> 3:30 p.m. - 6:00 p.m.		
<b>Session Chair: Ulf Kanne, Sensirion AG, Stäfa, CH</b>		
3:30-4:00 p.m.	New Materials and Processing Technologies for Medical Implants and Devices	Dr. Philipp Imgrund, Fraunhofer Institute for Manufacturing Technology and Advanced Materials, Bremen, DE
4:00-4:20 p.m.	Design of Automated Pharmaceutical Equipment	Denis Bubendorf, Sysmelec SA, Gals, CH
4:20-4:40 p.m.	Micro Dosing System for Endoscopes	Reinhold Storch, PARIttec GmbH MICROrun - A Brand of PARIttec, Weilheim, DE
4:40-5:00 p.m.	In-Ear-Sensor System for Cardio-Vascular Monitoring of Risk Patients	Dr. rer. nat. Thomas Hennig, CiS Forschungsinstitut für Mikrosensorik und Photovoltaik GmbH, Erfurt, DE
5:00-5:20 p.m.	Software Tools for Product Engineering of Medical Devices – Results of the Project CORONA	Dr. Christine Neuy, IVAM Microtechnology Network, Dortmund, DE
5:20-5:40 p.m.	GeMiNa – „Work-Life-Balance“ First Results of the Current Project	Anika Nitzsche, IMVR (University of Cologne), Cologne, DE Julia Kramer, Prospektiv GmbH, Dortmund, DE
5:40-6:00 p.m.	Leakage Currents in the Right Perspective	Dr. Pietro Nizzola, Schurter AG, Luzern, CH
<b>Thursday, November 18</b> 11:00 a.m. - 1:20 p.m.		
<b>Session Chair: Dr. Ulrike Michelsen, Bartels Mikrotechnik GmbH, Dortmund, DE</b>		
11:00-11:30 a.m.	Micro Annular Gear Pumps - The Driving Force in Micro Fluidics	Philipp Adryan, HNP Mikrosystem GmbH, Parchim, DE
11:30-11:50 a.m.	Manufacturing Services for Medical Devices	Frank Unland, Lacroix Electronics GmbH, Willich, DE
11:50-12:10 p.m.	Unleashing your Innovation Potential in Medical Device Technology	Gerjan van de Walle, Philips Research, Eindhoven, NL
12:10-12:30 p.m.	Short Pulse Laser and System Solutions	Dieter Mairhörmann, ROFIN-Baasel Lasertech GmbH & Co.KG, Starnberg, DE
12:30-12:50 p.m.	Assembly Technologies for Medical Sensor Devices	Thomas Ruf, Microelectronic Packaging Dresden GmbH, Dresden, DE
12:50-13:10 p.m.	Measuring 3D Surface Roughness, Shape and Waviness of Polished Medical Implants and Automotive Parts	Udo Volz, Veeco Instruments, Palaiseau, FR
<b>1:10-1:20 p.m. Break</b>		
<b>Thursday, November 18</b> 1:20 p.m. - 4:00 p.m.		
<b>Session Chair: Dr. Christine Neuy, IVAM Microtechnology Network, Dortmund, DE</b>		
1:20-1:40 p.m.	Antimicrobial Protection without Risk and without Silver	Jack Taylor, Chemviron Carbon Cloth Division, Houghton le Spring, Tyne & Wear, GB
1:40-2:00 p.m.	Micro-Moulding of Components for Medical Devices including for Catheters and Drug Delivery.	Paul Glendenning, Mikro Systems (UK) Ltd, Warrington, UK

2:00-2:20 p.m.	THEON Sensors Micro-Electro-Mechanical Systems	George Dimitropoulos, Theon Sensors, Koropi/Athens, GR
2:20-2:40 p.m.	Parylene... an Excellent Moisture, Chemical and Dielectric Barrier Conformal Coating!	Lonny Wolgemuth, Specialty Coating Systems, Indianapolis/Indiana, US
2:40-3:00 p.m.	Wide Variety of Advanced Technologies from one Source - Base for your Future Products	Dr. Thorsten Thelemann, Micro-Hybrid Electronic GmbH, Ilmenau, DE
3:00-3:20 p.m.	Innovative Gas Sensors for Medical Applications	Dr. Olaf Kiesewetter, UST Umweltsensortechnik GmbH, Geschwenda, DE
3:20-3:40 p.m.	High Resolution Optical Inspection of Medical Devices in Development and Quality Control	Dr. Josef Frohn, NanoFocus AG, Oberhausen, DE
3:40-4:00 p.m.	<b>Break</b>	
<b>Thursday, November 18</b> 4:00 p.m. - 5:50 p.m.	<b>Session Chair: Mona Okroy, IVAM Microtechnology Network, Dortmund, DE</b>	
4:00-4:10 p.m.	<b>Opening Japan Session</b> (Simultaneous Translation: German-Japanese/ Japanese-German)	
4:10-4:40 p.m.	Klinische Prüfungen von Medizinprodukten in Deutschland - rechtliche Aspekte -	Dr. Volker Lücker, Kanzlei Lücker * MP-Recht, Essen, DE
4:40-5:10 p.m.	Von Komponenten zu Systemen – ein umfassender Ansatz für die Medizintechnik	Heinz Jürgens, Jüke Systemtechnik GmbH, Altenberge, DE
5:10-5:40 p.m.	Der europäische Markt für Medizintechnik – Trends und Aktivitäten	Dr. Uwe Kleinkes, IVAM Research, Dortmund, DE
5:40-5:50 p.m.	<b>Schlusswort</b>	
<b>Friday, November 19</b> 11:00 a.m. - 1:40 p.m.	<b>Session:</b> <b>Advanced Diagnostics: The Merger of Novel Sensing Technologies &amp; Lab-on-a-Chip Systems</b>  <b>Session Chair: Michael Jackson, iXscient Ltd., Twickenham, UK</b>	
11:00-11:10 a.m.	CD-Medics: An Integrated Lab-on-a-Chip Device with Electrochemical Detection for Celiac Disease Diagnosis – A Collaborative Effort on European Level	Michael Jackson, iXscient Ltd., Twickenham, UK
11:10-11:30 a.m.	Multiplexed Detection of Serological Markers and Medium Resolution HLA Typing for Rapid and Cost-Effective Diagnosis of Coeliac Disease	Prof. Dr. Ciara O'Sullivan, University of Rovira i Virgili, Department of Chemical Engineering, Tarragona, ES
11:30-11:50 a.m.	From Traditional to next Generation Analytical Devices. How Microfluidics makes the Difference for the Detection of Autoimmune Diseases	Dr. Klaus-Stefan Drese, Institut für Mikrotechnik Mainz GmbH, Mainz, DE
11:50-12:10 p.m.	The Instrumentation Back-Bone of an Integrated Fluidic Device – Flexibility in the Development Phase, Performance for the Product	Dr. Thanos Demiris, micro2Gen, Athens, GR
12:10-12:30 p.m.	HLA Typing in Coeliac Disease: The Fast & EasyWay	Dr. Andreas Willems, InnoTrain GmbH, Kronberg/Taunus, DE
12:30-12:50 p.m.	Serologic Diagnosis of Coeliac Disease: Real Time Feedback	Enzo Bravi, Eurospital, Trieste, IT
12:50-1:10 p.m.	A Sample-in Result-out Lab-on-a-Chip Device – From Prototype to Mass Fabrication	Dr. Claudia Gärtner, microfluidic ChipShop GmbH, Jena, DE
01:10-01:40 p.m.	<b>Panel Discussion:</b> <b>microfluidic ChipShop GmbH</b>	Prof. Dr. Ciara O'Sullivan, University of Rovira i Virgili, Department of Chemical Engineering, Tarragona, ES Dr. Thanos Demiris, micro2Gen, Athens, GR Enzo Bravi, Eurospital, Trieste, IT Dr. Andreas Willems, InnoTrain GmbH, Kronberg/Taunus, DE Dr. Claudia Gärtner, microfluidic ChipShop GmbH, Jena, DE Dr. Klaus-Stefan Drese, Institut fuer Mikrotechnik Mainz GmbH, Mainz, DE
01:40 p.m.	<b>End</b>	



# 2010 IVAM on TOUR

May 4 <sup>th</sup> , 2010	4. Compamed Spring Convention	Frankfurt, Germany
July 28 <sup>th</sup> to 30 <sup>th</sup> , 2010	Micromachine/MEMS	Tokyo, Japan
August 18 <sup>th</sup> to 20 <sup>th</sup> , 2010	NANO KOREA	Seoul, Korea
August 23 <sup>th</sup> to 27 <sup>th</sup> , 2010	5. Dortmunder Summer school Mikrotechnik	Dortmund, Germany
September 9 <sup>th</sup> to 10 <sup>th</sup> , 2010	NRW Nano-Conference with exhibition	Dortmund, Germany
September 15 <sup>th</sup> , 2010	Memunity Workshop	Dortmund, Germany
September 30 <sup>th</sup> , 2010	Production - at the Push of a Button	Dortmund, Germany
October 5 <sup>th</sup> , 2010	SYSTEMS INTEGRATION	Halver, Germany
November 10 <sup>th</sup> , 2010	Laser Fall Convention	Aachen, Germany
November 17 to 19 <sup>th</sup> , 2010	COMPAMED/MEDICA	Duesseldorf, Germany
March 2011	IVAM Annual General Meeting	Germany
April 4 to 8 <sup>th</sup> , 2011	MicroNanoTec/ HANNOVER MESSE 2011	Hanover, Germany

## IVAM on TOUR 2010/2011

Please return by fax to Orkide Karasu:+49 231 9742 150

Please send me further information about the following events:

- COMPAMED Spring Convention**
- Mädchen-Technik-Congress**
- Micromachine/MEMS**
- Nano Korea**
- Dortmunder Summer School Mikrotechnik**
- NRW Nano-Conference**
- Production at the push of a button**
- RoundTables**
- MEMUNITY Workshop**
- HANNOVER MESSE LASER FALL CONVENTION**
- PRODUCTION- AT THE PUSH OF A BUTTON**
- SYSTEMS INTEGRATION**
- COMPAMED/MEDICA**
- MicroNanoTec/HANNOVER MESSE**
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**Hall 8a, Booth F19, F29, F34, G19, G29, H19, H29**

Messe Gelände Düsseldorf/Düsseldorf Trade Fair Centre  
Messeplatz  
40474 Düsseldorf

North Entrance

**OPENING HOURS:**

November 17<sup>th</sup> to 19<sup>th</sup> from 10 a.m. to 6:30 p.m.

**FURTHER INFORMATION:**

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Quelle: IVAM