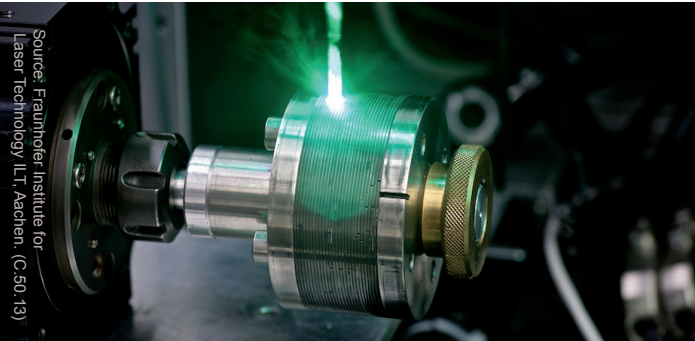




MicroTechnology - Smart Systems for Automation / HANNOVER MESSE

April 08 -12, 2013 • Hall 17, Booth C50/1-19



Source: Fraunhofer Institute for
Laser Technology ILT, Aachen. (C.50.13)

EXHIBITOR CATALOG 2013

Product Market
Micro, Nano & Materials



We make your
business happen.



Product Market Micro, Nano & Materials

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HANNOVER MESSE MicroTechnology Smart Systems for Automation Product Market “Micro, Nano & Materials“

Dear Visitor,

The Product Market “Micro, Nano & Materials” provides an ideal platform for entrepreneurs and developers from all over the world to discuss new application ideas and to present their innovative products.

Being an international association of companies and institutes in the field of microtechnology, nanotechnology and advanced materials, we make every possible effort to create essential competitive advantages for our members. About 300 member companies and institutes from approx. 20 countries open up new markets and set new standards with the support of IVAM by now.

In addition to that IVAM’s main goal is to fully satisfy its exhibitors and guests. True to the motto “We make your business happen” we boost your business and attract customers to your individual booth. This is why exhibitors, members and partners build on our know-how.

IVAM has been organizing the Product Market “Micro, Nano & Materials” at HANNOVER MESSE for many years. By taking you to the exhibition area “MicroTechnology - Smart Systems for Automation”, which is part of the “Industrial Automation”, IVAM brings you directly to the users of microtechnology. About 20 exhibitors will present highlights such as sensors, energy harvesting, laser technology as well as manufacturing processes and materials at the 350 sqm joint pavilion. The Product Market is placed in hall 17, booth C50 where the Business Lounge is also located.

Central to the joint pavilion is the corresponding forum “Micro-Technology - Innovations for Industry”, which offers an ideal platform for exchanging high-tech knowledge and to gain exclusive insights into the innovative world of micro- and nanotechnology. This year’s top trends are printed electronics, systems integration, nanotechnology, energy harvesting and laser technology.

This exhibitor catalogue will provide an overview of the international companies from Germany, the Netherlands, Japan and Korea which will be exhibiting at this year’s IVAM Product Market. We are looking forward to meeting you at HANNOVER MESSE!

Your IVAM Team

Exhibitors of the IVAM Joint Pavilion



Berlin Adlershof - WISTA-MANAGEMENT GMBH
Berlin, DE

C50.11

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Sandra Chabrier

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www.adlershof.de
chabrier@wista.de

- Science and Technology Park
- Technology Centers
- Research Institutions



CDA GmbH
Suhl OT Albrechts, DE

C50.1

Contact:
Pia Harju

Tel.: +49 3681 3870
Fax: +49 3681 387 216
http://www.cda-microworld.com
pia.harju@cda.de

- Manufacturing microstructured components on plastic
- Combining micro-optics, microfluidics and printed electronics

Exhibitors of the IVAM Joint Pavilion



ENAS

Fraunhofer Institute for Electronic Nano Systems
ENAS
Chemnitz, DE

C50.16

Contact:
Prof. Thomas Geßner

Tel.: +49 371 45001-0
Fax: +49 371 45001-101
http://www.enas.fraunhofer.de
info@enas.fraunhofer.de

- Smart systems for condition monitoring
- High-precision sensors
- MEMS spectrometer



ILT

Fraunhofer Institute for Laser Technology ILT
Aachen, DE

C50.13

Contact:
Dr. Arnold Gillner

Tel.: +49 241 8906-0
Fax: +49 241 8906-121
www.ilt.fraunhofer.de
info@ilt.fraunhofer.de

- Micro- and nanomanufacturing with lasers
- Laser manufacturing
- Laser process control



DUROPAN GmbH
Halberstadt, DE

C50.9

Contact:
Dr. Wolfgang Beck

Tel.: +49 3941 588366
Fax: +49 3941 588430
www.duropan.de
dr.w.beck@duropan.de

- Thermal Transmitter
- Energy Harvesting
- Electricity from (lost) heat



EDC GmbH
Langenhagen, DE

C50.10

Contact:
André Niemann

Tel.: +49 0511 9721162
Fax: +49 0511 9721293
www.edc-gmbh.de
andre.niemann@edcllc.com

- LED
- Optics
- Mikrofluidik



GeMiNa
Dortmund, DE

C50.2

Contact:
Inga Goltermann

Tel.: +49 231 9742 7090
Fax: +49 231 9742 150
www.gemina.org
go@ivam.de

- Work-Life-Balance
- Psychological Contract
- Micro- and Nanotechnology



HSG-IMIT
Villingen-Schwenningen, DE

C50.6

Contact:
Monika Teichner

Tel.: +49 7721 943-0
Fax: +49 7721 943-210
www.hsg-imit.de
info@hsg-imit.de

- Energy-Harvesting
- Wireless Sensors
- Low-Noise Sensors



Etchform BV
Hilversum, NL

C50.8

Contact:
Johan van der Kraan

Tel.: +31 35 6855194
Fax: +31 35 6835616
www.etchform.com
johanvanderkraan@etchform.com

- Photo etching
- Electroforming
- Metal precision parts



Feinmess Dresden GmbH
Dresden, DE

C50.3

Contact:
Dipl.-Ing. Reinhard Weihmann

Tel.: +49 351 885850
Fax: +49 351 8858525
www.feinmess.de
weihmann@feinmess.de

- High precision positioning stages



IVAM Microtechnology Network
Dortmund, DE

C50.2

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info@ivam.de

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



IVAM Research
Dortmund, DE

C50.2

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Iris Lehmann

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www.ivam.de
info@ivam.de

- Economic Data and Surveys on Micro/ Nanotechnology and Advanced Materials
- Project Management
- Contract Market Research

Exhibitors of the IVAM Joint Pavilion



**LIMO Lissotschenko
Mikrooptik GmbH
Dortmund, DE**

C50.19



**Micromachine Center
Tokyo, JP**

C50.18

Contact:
Klaus Reinecke

Tel.: +49 231 22 24 1-0
Fax: +49 231 22 24 1-140
www.limo.de
kontakt@limo.de

- Micro optics
- Diode laser
- Materials processing

Contact:
Dr. Jun Sakai

Tel.: +81 3 5835-1870
Fax: +81 3 5835-1873
http://www.mmc.or.jp/
j_sakai@mmc.or.jp

- Innovative MEMS

Exhibitors of the IVAM Joint Pavilion



**TDC Corporation
Miyagi, JP**

C50.4



**WWINN B.V.
Almelo, NL**

C50.12

Contact:
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Martin Langkamp

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Fax: +31 546 805588
www.wwinn-group.com
martin.langkamp@wwinn-group.com

- Micro Assembly
- Manufacturing Solutions
- Product re-engineering and production process development



Nano Tech To Biz Center



**Nano Technology Research
Association of Korea
Suwon-si, KR**

C50.17

**NanoFocus AG
Oberhausen, DE**

C50.15

Contact:
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Fax: +82 31 624 2021
www.nanokorea.net
ntrassonne@nanokorea.net

- Nano Tech To Biz Center

Contact:
Jürgen Valentin

Tel.: +49 208 6200085
Fax: +49 208 6200099
www.nanofocus.de
rutkowski@nanofocus.de

- Optical 3D Surface Measurement
- Roughness, Microgeometry
- Confocal Microscopy



**SARAD GmbH
Dresden, DE**

C50.7



**TAISEI KOGYO CO., LTD.
Osaka, JP**

C50.14

Contact:
Maria Teresa Celis de Streil

Tel.: +49 351 6580712
Fax: +49 351 6580718
www.sarad.de
streil.te@sarad.de

- Measurement Technology
- Environment

Contact:
Benjamin Hefler

Tel.: +81 50 1402 3765
Fax: +81 72 827 3390
www.taisei-kogyo.com
benjamin-hefler@taisei-kogyo.com

- Powder Metallurgy
- micro-MIM
- Porous Materials

Hall 17, Booth C50/1-19
Product Market Micro, Nano & Materials

- C50.1 CDA GmbH
- C50.2 IVAM Microtechnology Network / GeMiNa
- C50.3 Feinmess Dresden GmbH
- C50.4 TDC Corporation
- C50.6 HSG-IMIT



C50.1	C50.2	Storage	C50.3
C50.4	Meeting Room	Storage	C50.6


IVAM
 Business Lounge

C50.13	C50.16
	C50.17
C50.14	C50.18
Storage	Storage
C50.15	C50.19

Forum
 MicroTechnology –
 Innovations for
 Industry

C50.7	Storage	C50.8	C50.12
C50.9	C50.10	C50.11	



- C50.7 SARAD GmbH
- C50.8 Etchform BV
- C50.9 DUROPAN GmbH
- C50.10 EDC GmbH
- C50.11 Berlin Adlershof - WISTA-MANAGEMENT GMBH
- C50.12 WWINN B.V.

- C50.13 Fraunhofer Institute for Lasertechnology ILT
- C50.14 Taisei Kogyo Co., Ltd.
- C50.15 NanoFocus AG
- C50.16 Fraunhofer Institute for Electronic Nano Systems ENAS
- C50.17 NTRA - Nano Technology Research Association of Korea
- C50.18 Micromachine Center
- C50.19 LIMO Lissotschenko Mikrooptik GmbH



8–12 April 2013

NEW TECHNOLOGY FIRST

- **Industrial Automation**
Leading Trade Fair for Process, Factory and Building Automation, Systems and Solutions
Halls 8, 9, 11, 14–17
- **Motion, Drive & Automation**
Leading Trade Fair for Power Transmission and Control
Halls 15–17, 20–25
- **Energy**
Leading Trade Fair for Renewable and Conventional Power Generation, Power Supply, Transmission, Distribution and Storage
Halls 11–13, 27, FG
- **Wind**
Leading Trade Fair for Wind Generation Technology, Components and Services
Hall 27
- **MobiliTec**
Leading Trade Fair for Hybrid and Electric Powertrain Technologies, Mobile Energy Storage and Alternative Mobility Solutions
Hall 25, FG
- **Digital Factory**
Leading Trade Fair for Integrated Processes and IT Solutions
Hall 7
- **ComVac**
Leading Trade Fair for Compressed Air and Vacuum Technology
Hall 26
- **Industrial Supply**
Leading Trade Fair for Industrial Subcontracting and Lightweight Construction
Halls 4–6
- **SurfaceTechnology**
Leading Trade Fair for Surface Technology
Hall 3
- **IndustrialGreenTec**
Leading Trade Fair for Environmental Technology
Hall 6
- **Research & Technology**
Leading Trade Fair for Research, Development and Technology Transfer
Hall 2

- Job & Career Market (Hall 18)
- TV TectoYou
- M Match & Meet
- FG Open-air site

- Metropolitan Solutions (Hall 1)
- PROMOTION WORLD (Hall 16)
- Robotation Academy (Pavilion 36)

- ↑ Entrance
- IC Information Center
- CC Convention Center
- HN House of Nations



Special thanks to the following sponsors for their support at the IVAM.Monday networking event.



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GeMiNa

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Micromachine Center

www.mmc.or.jp/e

IVAM ON TOUR 2013

ALL IVAM EVENTS AT A GLANCE



APRIL

8.-12.4.13



HANNOVER MESSE

Product Market "Micro, Nano & Materials" and Forum "MicroTechnology - Innovations for Industry"
HANOVER, DE

25.4.13



7. COMPAMED FRÜHJAHRSFORUM

German symposium about "Hightech-Trends in der Medizintechnik"
STUTT GART, DE

13.6.13

ΣYSTEMS INTEGRATION 2013

German symposium in cooperation with the Fraunhofer Institute for Reliability and Microintegration IZM
BERLIN, DE

25.-26.6.13

MST-REGIONALKONFERENZ

German microtechnology conference
DORTMUND, DE

JULY

3.-5.7.13



NANO MICRO BIZ 2013

Exhibition Micromachine/MEMS
Japanese-German Micro/Nano Business Forum
TOKYO, JP

AUGUST

LASER FORUM

German symposium in cooperation with laser institutes and companies

OCTOBER

HANNOVER MESSE HERBSTFORUM

Pre show to the special area "MicroTechnology - Smart Systems for Automation at HANNOVER MESSE 2014"

NOVEMBER

20.-22.11.13

COMPAMED



COMPAMED 2013

Product Market "High-tech for Medical Devices" and "COMPAMED HIGH-TECH FORUM"
DUSSELDORF, DE

More details and further informationen at www.ivam.eu



Being an international association, we represent the interests of about 300 companies and institutes from approx. 20 countries.



Our members are active in the fields of microtechnology, nanotechnology and advanced materials.

Always up to date

www.ivam.eu

The latest news pertaining to our co-exhibitors and other events related to the COMPAMED can be accessed on our website.

IVAM Directory Online

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High-tech magazine »inno«

»inno« introduces new developments and technological trends in microtechnology, nanotechnology and advanced materials.

The magazine's focus is on the application in different industry sectors. »inno« is published in German three times per year!

Subscription at <http://www.ivam.de/news/inno>

Any questions about IVAM?

About public relations? newsletter@ivam.eu

About IVAM membership? membership@ivam.eu

About trade shows? b2b@ivam.eu

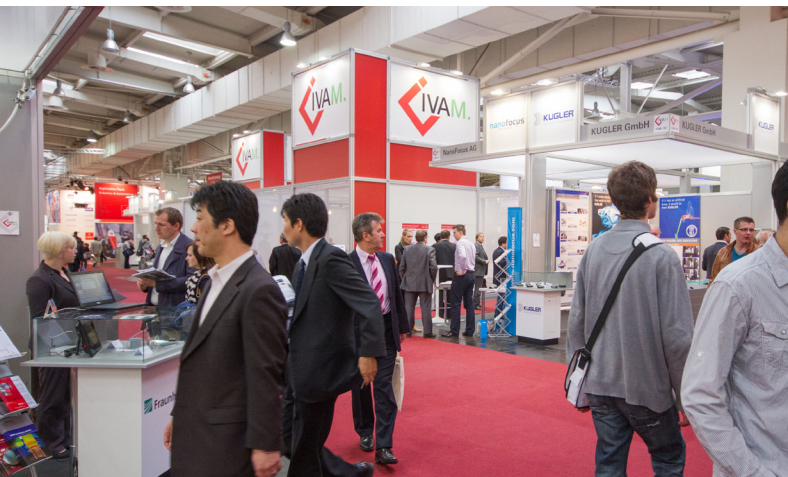
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MicroTechnology - Smart Systems for Automation

Hall 17, Booth C50/1-19

OPENING HOURS:

Monday to Friday from 9 a.m. to 6 p.m.

FURTHER INFORMATION

IVAM Product Market Micro, Nano & Materials

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44227 Dortmund

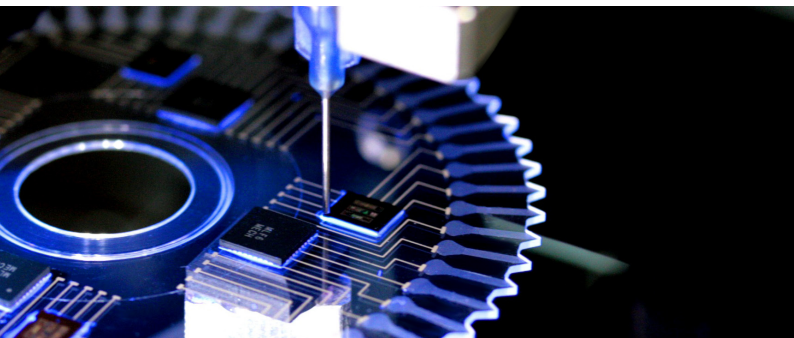
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Source: CDA GmbH and Häcker Automation GmbH (C 50.1)