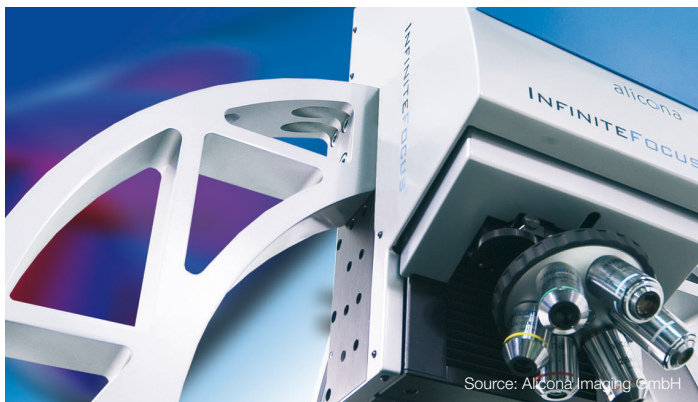




MicroTechnology - Smart Systems for
Automation / HANNOVER MESSE
April 23 to 27, 2012 • Hall 17, Booth C48/1-32



Exhibitor Catalog 2012

Product Market
Micro, Nano & Materials

We make your
business happen.



Product Market Micro, Nano & Materials

Alicona Imaging GmbH, AT	p. 6	C48/16
Berlin Adlershof - Development and Management Company: WISTA-MANAGEMENT GMBH, DE	p. 6	C48/1
CDA Datenträger Albrechts GmbH, DE	p. 6	C48/12
DUROPAN GmbH, DE	p. 6	C48/15
Elliptec Resonant Actuator AG, DE	p. 6	C48/23
Etchform BV, NL	p. 6	C48/10
FEAG GmbH, DE	p. 7	C48/17
Feinmess Dresden GmbH, DE	p. 7	C48/3
Fisba Optik AG, CH	p. 7	C48/8
Fraunhofer Institute for Electronic Nano Systems ENAS, DE	p. 7	C48/27
Fraunhofer-Institut für Lasertechnik ILT, DE	p. 7	C48/21
FRT, Fries Research & Technology GmbH, DE	p. 7	C48/13
HARTING AG, CH	p. 8	C48/7
HSG-IMIT, DE	p. 8	C48/25
Institut für Mikrotechnik Mainz GmbH, DE	p. 8	C48/14
IVAM Microtechnology Network, DE	p. 8	C48/28
IVAM Research, DE	p. 8	C48/28
Karodur GmbH, DE	p. 8	C48/4
Kugler GmbH, DE	p. 9	C48/32
LEE Hydraulische Miniaturkomponenten GmbH, DE	p. 9	C48/2
LUMERA LASER GmbH, DE	p. 9	C48/29
microdrop Technologies GmbH, DE	p. 9	C48/24
Micromachine Center, JP	p. 9	C48/26
MST.factory dortmund / TechnologieZentrumDortmund Management GmbH, DE	p. 9	C48/22
NanoFocus AG, DE	p. 12	C48/31
PiezoMotor Uppsala, SE	p. 12	C48/30
Polytec GmbH, DE	p. 12	C48/6
PTF Pfüller GmbH & Co.KG, DE	p. 12	C48/18
THEON Sensors S.A., GR	p. 12	C48/20
Time-Bandwidth Products AG, CH	p. 12	C48/5
Wirtschaftsförderung Dortmund - dortmund-project, DE	p. 13	C48/22
WWINN B.V., NL	p. 13	C48/9

Hall Plan
Fair Plan

p. 10-11
p. 14-15

Industrial Solutions in the Micro Scale – 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.

As an international association of companies and institutes, IVAM Microtechnology Network assists about 300 members from approximately 20 countries in bringing innovations to the market in the fields of micro, nano and advanced materials.

IVAM has been organizing the Product Market “Micro, Nano & Materials” within the HANNOVER MESSE for many years. This year IVAM takes you to a new environment “MicroTechnology - Smart Systems for Automation” to the users of micro technology in the Industrial Automation. 30 exhibitors will present highlights such as automation engineering and manufacturing processes as well as sensor-, laser- and surface technologies at the 600 sqm joint pavilion.

Central to the joint pavilion is the corresponding forum “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 MEMS, Energy Harvesting, laser technology and nanotechnology.

The following pages of the IVAM exhibitor catalogue will provide an overview of the international companies and institutes from Germany, Austria, Switzerland, Greece, the Netherlands, Sweden and Japan which will be exhibiting at this year’s IVAM joint pavilion.



Fair and Hall Plan

You are welcome to visit our our joint pavilion, the IVAM Product Market „Micro, Nano & Materials”, in Hall 17, Booth C48. A short description of the exhibitors is included in this brochure.

Always up-to-date – www.ivam.com

Our website www.ivam.com delivers the latest news about our exhibitors at the MicroTechnology - Smart Systems for Automation.

IVAM directory online

The IVAM online directory enables you to find the appropriate technology supplier in your vicinity or other regions. It is accessible through www.ivam.com.

IVAM Research and the Nano Guide of Europe – www.ivam-research.com

The economic research division of IVAM conducts surveys and economic data in the fields of microtechnology, nanotechnology and advanced materials. IVAM Research has compiled the Nano Guide of Europe, a database of more than 3,500 European suppliers of microtechnology.

IVAM Microtechnology Network

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Exhibitors of the IVAM Joint Pavilion

alicon

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Grambach, AT

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Fax: +43 316 4000 711
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- High resolution optical 3D surface measurement
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kathrin.welker@feag.de

- Switchgear
- Low voltage
- Draw-out unit



C48/17 Feinmess Dresden GmbH
Dresden, DE

Contact:
Dipl.-Ing. Reinhard Weihmann

Tel.: +49 351 8858 50
Fax: +49 351 8858 525
www.feinmess.de
weihmann@feinmess.de

- Positioning systems
- Linear stages
- Rotary stages

Hall 17



CDA

Functional Solutions

C48/12 CDA Datenträger Albrechts
GmbH
Suhl OT Albrechts, DE

Contact:
Dr. Nicolaus Hettler

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

- Microfunctional Solutions
- Microfunctional Surfaces
- Microoptics



C48/15 DUROPAN GmbH
Berlin, DE

Contact:
Dr. Wolfgang Beck

Tel.: +49 3941 588 366
Fax: +49 3941 588 430
www.duropan.de
dr.w.beck@duropan.de

- Energy Harvesting
- Thermal Transmitter
- Waste Heat



C48/8 Fisba Optik AG
St. Gallen, CH

Contact:
Hansjörg Lipp

Tel.: +41 71 282 3131
Fax: +41 71 282 3131
www.fisba.com
hansjoerg.lipp@fisba.ch

- Optical Components
- Optical Systems
- Photonical Microsystems



C48/27 Fraunhofer Institute for
Electronic Nano Systems
ENAS
Chemnitz, DE

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Tel.: +49 371 45001 204
Fax: +49 371 45001 304
www.enas.fraunhofer.de
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- Smart Systems for Condition Monitoring
- Components and Development of Spectrometers
- Wireless Energy and Data



C48/23 Elliptec Resonant Actuator AG
Dortmund, DE

Contact:
Stefanie Krause

Tel.: +49 231 2927 0291
Fax: +49 231 2927 0250
www.elliptec.com
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- Piezo Technology
- Drive Systems
- Equipment and Technology for the Automation



C48/10 Etchform BV
Hilversum, NL

Contact:
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Fax: +31 35 6835 616
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johanvanderkraan@etchform.com

- Metal Precision Parts
- Precision Etching
- Electroforming



C48/21 Fraunhofer-Institut für
Lasertechnik ILT
Aachen, DE

Contact:
Dr. Arnold Gillner

Tel.: +49 241 8906 0
Fax: +49 241 8906 121
www.ilt.fraunhofer.de/en.html
arnold.gillner@ilt.fraunhofer.de

- Micromanufacturing with lasers
- Laser systems
- Laser process control



C48/13 FRT, Fries Research &
Technology GmbH
Bergisch Gladbach, DE

Contact:
Christina Abholte

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Fax: +49 2204 842 431
www.frt-gmbh.com
abholte@frt-gmbh.com

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- Film Thickness Measurement Tools
- Non-Contact Multisensor Metrology

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Pushing Performance

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Biel/ Bienne, CH



C48/17 **HSG-IMIT**
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Kugler GmbH
Salem, DE



Innovation in Miniatur

C48/32 **LEE Hydraulische**
Miniatürkomponten GmbH
Sulzbach, DE

Contact:
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Fax: +41 3234 421 22
www.HARTING-Mitronics.ch
albert.birkicht@HARTING.com

- 3D-MID Technology
- 3D Molded Interconnect Devices
- Mechatronics Systems

Contact:
Monika Teichner

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Fax: +49 7721 943 210
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- Energy-Harvesting
- Wireless Sensors
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Contact:
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- Miniature components
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Hall 17



Institut für Mikrotechnik Mainz GmbH
Mainz, DE

Contact:
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- Custom MEMS Components
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C48/14 **IVAM Microtechnology**
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- Technology Marketing
- International Business Contacts
- Micro/Nanotechnology and Advanced Materials



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Fax: +49 6301 32013 189
www.lumera-laser.com
lorenz@lumera-laser.de

- PS-Laser Micromachining



C48/29 **microdrop Technologies**
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Norderstedt, DE

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Beate Poulson

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- Microdispensing
- Material Deposition
- Inkjet Technology

C48/24

Product Market Micro, Nano & Materials



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



C48/28 **Karodur GmbH**
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he@karodur.de

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

C48/4



Micromachine Center
Tokyo, JP

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dortmund

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C48/22

Hall 17, Booth C48/1-32

Product Market Micro, Nano & Materials



C48/1 WISTA-MANAGEMENT	C48/2 LEE Hydraulische Miniaturkomponenten	C48/3 Feinmess Dresden
C48/4 Karodur	STORAGE	C48/5 Time-Bandwidth Products
		C48/6 Polytec

IVAM Business Lounge

C48/30 PiezoMotor Uppsala	STORAGE
C48/31 NanoFocus	C48/32 Kugler

C60

FORUM INNOVATIONS FOR INDUSTRY

C48/7 HARTING	C48/9 WIMM
C48/8 Fisba Optik	STORAGE

C48/16 Alicon Imaging	C48/18 PTF Pflüger
C48/17 FEAG	STORAGE
	C48/20 THEON Sensors

C48/21 Fraunhofer ILT	C48/23 Elliptec Resonant Actuator
	STORAGE
	MEETING
C48/22 Mst.factory/TZdo WiFo Do - do-project	C48/24 microdrop Technologies

C48/25 HSG-IMIT	C48/27 Fraunhofer ENAS
	C48/28 IVAM Micro-technology Network
IVAM STAFF	STORAGE
C48/26 Micromachine Center	C48/29 LUMERA LASER

C48/10 Etchform	C48/11	C48/12 CDA Datenträger Albrechts
C48/13 FRT, Fries Research & Technology	C48/14 Institut für Mikrotechnik Mainz	C48/15 DUROPAN

Exhibitors of the IVAM Joint Pavilion



NanoFocus AG
Oberhausen, DE

C48/31



PiezoMotor Uppsala
Uppsala, SE

C48/30

Contact:
Jürgen Krenzer

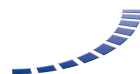
Tel.: +49 208 6200 00
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krenzer@nanofocus.de

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Contact:
Olle Lindkvist

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dortmund-project

Wirtschaftsförderung
Dortmund - dortmund-project
Dortmund, DE

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Fax: +49 231 5024 112
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michaela.franzes@stadt-do.de

- Clustermanagement
- Networking
- Business Support



C48/22

WWINN B.V.
Almelo, NL

C48/9

Contact:
Ilse Bütter

Tel.: +31 546 8055 21
Fax: +31 546 8055 88
www.winn-group.com
ilse.buter@winn-group.com

- Micro assembly
- Manufacturing solutions
- Product re-engineering and production process development

Hall 17



Polytec GmbH
Waldbronn, DE

C48/6



PTF Pfüller GmbH & Co.KG
Stollberg, DE

C48/18

Contact:
Christina Petzhold

Tel.: +49 7243 6040
Fax: +49 7243 69944
www.polytec.de
c.petzhold@polytec.de

- Surface Topography
- Microsystems
- Measurement Solutions

Contact:
Oliver Zintl

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Fax: +49 37296 9272 322
www.precision-ptf.com
o.zintl@precision-ptf.com

- CNC milling
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Product Market Micro, Nano & Materials



THEON Sensors S.A.
Athen, GR

C48/20



Time-Bandwidth Products AG
Zürich, CH

C48/5

Contact:
Dr. Emmanuel Zervakis

Tel.: +30 210 6641 420
Fax: +30 210 6641 439
www.theon.com
zervakis@theon.com

- Capacitive Pressure Sensors
- Air Flow Sensors
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Contact:
Hans-Peter Wunde

Tel.: +41 44 445 3171
Fax: +41 44 445 3121
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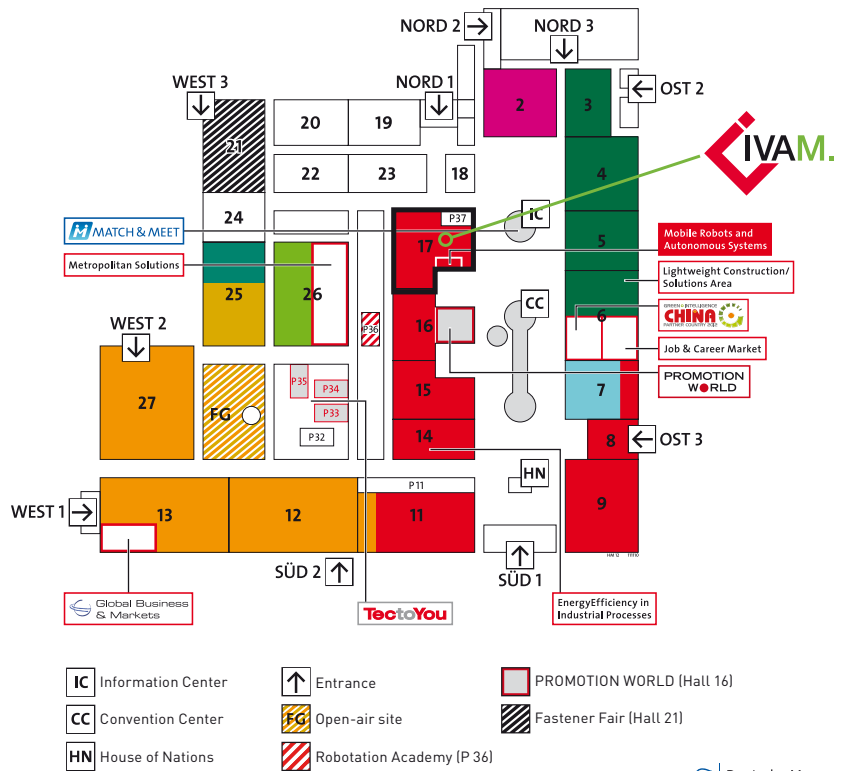
- Picosecond lasers for micromachining
- Ultra short pulsed lasers
- Lasers for material processing



23–27 April 2012

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 Hall 25
- IndustrialGreenTec**
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 Hall 26
- Research & Technology**
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 Hall 2





IVAM Microtechnology Network would like to thank their sponsors and partners for their generous support of the IVAM-Monday at the MicroTechnology - Smart Systems for Automation / HANNOVER MESSE 2012:

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- IVAM Annual General Meeting
- RoundTables
- HANNOVER MESSE/ MicroTechnology - Smart Systems for Automation & Forum "Innovations for Industry"
- HANNOVER MESSE Fall Convention
- COMPAMED Spring Convention
- COMPAMED and Forum „High-tech for Medical Devices“
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Your Notes

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Hall 17, Booth C48/1-32

Opening Hours:

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

Further information:

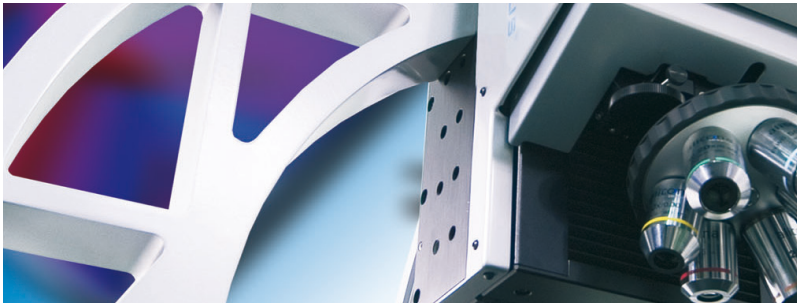
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Source: Alcona Imaging GmbH