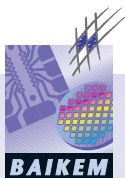


Bayern  Innovativ



Eine Initiative der Bayerischen Staatsregierung

**Congress and
One-on-One Forum**



Innovation in Microsystems



**Arabella Sheraton Bogenhausen Hotel
Munich, Germany
March 4/5, 2008**



INNOVENTION



Invitation



Prof. Dr. Josef Nassauer
Chief Executive
Bayern Innovativ Ltd.
Nuremberg



Sean Neylon
Chairman of The Nexus
Association, Neuchâtel

Novel automotive systems for safety and comfort, innovative smart biomedical solutions for the monitoring of vital body functions, recent developments in consumer electronics for high-tech visualisation – these are all examples for fascinating new products, based on innovations in microsystems.

The ongoing efforts in the development of microsystems aim at further miniaturisation, steadily increasing performance and further extended reliability. These developments are driven by new technologies, such as new materials, nano science, improved semiconductor processing, complex microfabrication or by new physical principles, like the GMR effect.

In order to cope with these dynamics and challenges, both technology driven and customer oriented cooperation is essential to stay ahead with cutting edge solutions. As a consequence, companies are always striving for the best and most suitable partners from science and industry for the development of the next generation of microsystems.

With this in mind Bayern Innovativ Ltd., project coordinator of the international network BAIKEM, will organise the international platform “Innovation in Microsystems” comprising a congress and an one-on-one cooperation event. Once again this forum will be arranged together with NEXUS, the European Microsystems Network, and with the support of the Bavarian Ministry for Economic Affairs, Infrastructure, Transport and Technology.

The congress focusing on trends in technologies and devices will cover customer expectations from various branches and will outline new market opportunities.

The one-on-one cooperation event at the following day will provide the opportunity to participate at approximately 12 business meetings with companies and institutes, individually selected early in advance of the congress. More than 30 partner organisations will support the acquisition of participants from Europe, USA and Asia.

Please bear in mind that the online matching for the one-on-one event will start already by the end of January 2008 to be able to arrange the individual business meetings. Online registration is still open at this time.

We cordially invite you to “Innovation in Microsystems” and look forward to welcoming you in Munich.

A handwritten signature in blue ink that reads "Josef Nassauer".

Prof. Dr. Josef Nassauer

A handwritten signature in blue ink that reads "Sean Neylon".

Sean Neylon

March 4/5, 2008 – Program

Congress

Innovation in Microsystems

March 4, 2008, 9:30 - 17:00

Plenary Session:

Market & Technologies

Parallel Sessions:

Sensing & Actuating

Analyzing & Microtooling

Evening Program



Reception at "Allianz Arena"

in Munich, 18:30 - 21:00, March 4, 2008

Guided tour through the Allianz Arena

One-on-One Forum

Innovation in Microsystems

March 5, 2008, 9:00 - 17:30

Recent information and list of participants registered for the One-on-One Forum:

www.bayern-innovativ.de/microsystems2008

Partners



Sponsored by



March 4, 2008, Congress

Plenary Session

Market & Technologies

8:30 – 9:30	Check-In and Issue of Conference Documents
9:30 – 9:40	Introductory Remarks and Welcome Address Prof. Dr. Josef Nassauer <i>Chief Executive, Bayern Innovativ Ltd., Nuremberg</i>
9:40 – 10:10	Technology Trends in Microsystems Patric Salomon <i>Vice Chair of The Nexus Association, Neuchâtel, Switzerland and Managing Director 4M2C PATRIC SALOMON GmbH, Berlin</i>
10:10 – 10:40	From Microsystems to Nanosystems - Application Potential and Technological Challenges Prof. Dr. Alfred Forchel <i>Chair of Applied Physics, University of Würzburg, and Chairman of Cluster Nanotechnology, Würzburg</i>
10:40 – 11:10	MEMS Based Sensors: Becoming Smart by Merging Functions Dr. Anton Mindl <i>CEO, Elmos Semiconductor AG, Dortmund</i>
11:10 – 11:40	MEMS in Aerospace Applications Dr. Alois Friedberger <i>Project Manager, EADS Innovation Works, EADS Deutschland GmbH, Munich</i>
11:40 – 12:00	Product Innovation Driven by Microsystems Prof. Dr. Josef Nassauer <i>Chief Executive, Bayern Innovativ Ltd., Nuremberg</i> Dr. Rupert Tkotz <i>Project Manager, Bayern Innovativ Ltd., Nuremberg</i>
12:00 – 13:30	Lunch at the Exhibition

March 4, 2008, Congress

Sensing & Actuating

Chair: Dr. Elisabeth Reese

VDI/VDE Innovation + Technik GmbH, Munich

13:30 – 14:00

Microsystems: From Stand-Alone to Heterogeneity

Dr. André Perret

VP Strategic Relations, CSEM, Centre Suisse d'Electronique et de Microtechnique S.A. Neuchâtel, Switzerland

14:00 – 14:30

Intelligence in Factory Automation - Smart Microsystems for Condition and Process Monitoring

Dr. Rainer Wunderlich

Managing Director, pro-micron GmbH & Co. KG, Applikationszentrum hybride Mikrosysteme, Kaufbeuren

14:30 – 15:00

P-OLED Microdisplays for Mobile Applications

Prof. Ian Underwood

CTO, MicroEmissive Displays Ltd. Edinburgh, United Kingdom

15:00 – 15:30

Coffee Break at the Exhibition

Chair: Dr. Hartmut Steinberger

Fraunhoferinstitut für Zuverlässigkeit und Mikrointegration IZM, Munich

15:30 – 16:00

MEMS for Transportation: Business Opportunities in Trucks or Motorcycles - Specific Markets or Additional Growth Segments for Automotive Sensors Suppliers?

Ridha Hamza

Projekt Manager, YOLE DEVELOPPEMENT, Lyon, France

16:00 – 16:30

80 GHz Short Range Radar Demonstrator for Automotive Applications

Lars Pettersson

ACREO AB, Norrköping, Sweden

16:30 – 17:00

Sensors Based on GMR - Technology Implementing Nobel Prize Technology in Industrial Applications

Dr. Rolf Slatter

CTO, Sensitec GmbH, Lahnau

17:00 – 18:00

Get-together at the Exhibition

18:30 – 21:00

Evening Reception at the "Allianz Arena"

Parallel Sessions

Analyzing & Microtooling

Chair: Prof. Dr. Heinz Kück

*HSG IMAT – Institut für Mikroaufbautechnik
der Hahn-Schickard-Gesellschaft e.V. Stuttgart*

13:30 – 14:00

**Micropower for Wireless
Autonomous Transducers**

Bert Gyselinckx

*Program Director, Stichting IMEC Nederland,
Eindhoven, The Netherlands*

14:00 – 14:30

**Novel Semiconductor Laserdiodes and
their Application in Optical
Gas Sensing Systems**

Dr. Ralph Werner

*Product Manager for GaSb-based laser diodes,
nanoplus GmbH, Gerbrunn*

14:30 – 15:00

Biochips - a Commercialization Case Study

David Holden

*Strategic Marketing, CEA Leti Minatec,
Grenoble, France*

15:00 – 15:30

Coffee Break at the Exhibition

Chair: Thomas Frick

Bayerisches Laserzentrum GmbH, Erlangen

15:30 – 16:00

**Precision Laser Manufacturing and
Assembly for Micro Technology**

Dr. Arnold Gillner

*Fraunhofer Institute for Laser Technology ILT,
Aachen*

16:00 – 16:30

**Diamond Films and their Outstanding
Properties for Micromechanics**

Dr. Peter Gluche

*General Manager, GFD - Gesellschaft für
Diamantprodukte mbH, Ulm*

16:30 – 17:00

Selfassembly of Small Dies

Prof. Hermann Sandmaier

*Lehrstuhl für Mikrosystemtechnik, Institut
für Industrielle Fertigung und Fabrikbetrieb,
Universität Stuttgart*

Dr. Wolfgang Schäfer

*Fraunhoferinstitut für Produktionstechnik
und Automatisierung IPA, Stuttgart*

17:00 – 18:00

Get-together at the Exhibition

18:30 – 21:00

Evening Reception at the "Allianz Arena"

March 5, 2008, One-on-One

International Match Making Forum

8:00 – 9:00

**Registration,
Issue of Documents**

Light Refreshments

9:00 – 9:20

Opening Remarks

Prof. Dr. Josef Nassauer

*Chief Executive,
Bayern Innovativ Ltd., Nuremberg*

Welcome Address

Patric Salomon

*Vice Chair of The Nexus Association,
Neuchâtel, Switzerland and Managing Director
4M2C PATRIC SALOMON GmbH, Berlin*

9:20 – 9:30

Break

9:30 – 10:30

**1/2 hour One-on-One
Cooperation Meetings**

10:30 – 11:00

Coffee Break

11:00 – 12:30

**1/2 hour One-on-One
Cooperation Meetings**

12:30 – 13:30

Lunch

13:30 – 15:30

**1/2 hour One-on-One
Cooperation Meetings**

15:30 – 16:00

Coffee Break

16:00 – 17:30

**1/2 hour One-on-One
Cooperation Meetings**

17:30 – 18:30

Get-together

How to take part

Registration via website

www.bayern-innovativ.de/microsystems2008
up until February 13, 2008

Online registration One-on-One:

Register in just a few steps on the website

www.bayern-innovativ.de/microsystems2008

and complete your company profile in English.

Online database:

With your registration you receive access to the online database. Using the password each participant can view the profiles of all participating companies in the online database.

Selection of pre-arranged business meetings until February 15, 2008

Prearranged business meetings:

Convenient search functions allow you to filter through company profiles to match your individual interests and to send your meeting requests. At the same time, please confirm incoming requests from participants requesting a meeting with you.

Online appointment schedule from February 27, 2008 onwards

Online business meeting plan:

Bayern Innovativ Ltd. is responsible for arranging the meetings.

Your individually arranged meeting plan will be sent to you after February 27, 2008.



Make tomorrow's international contacts today

One-on-One concept:

The One-on-One concept offers you the opportunity to establish contacts with international microsystems companies and research institutes.

More than 130 companies from 18 countries will attend the One-on-One event. These companies represent the entire value chain from material and component suppliers, subsystem and module developers to system integrators and users.



On March 5, 2008 you will meet the representatives of the companies and institutes that you have selected or that have selected you.

Bayern Innovativ Ltd. will prepare a personal appointment schedule for each participant with up to 12 One-on-One meetings, each of 30 minutes duration.

At the event you will receive a digital catalogue with all company profiles and contact persons.

Use this opportunity to establish new contacts at the international One-on-One Forum!

Internet:

The internet will be the central information and interaction platform. Here you will find:

- the online registration
- complete information about the forum
- a list of the currently registered companies
- a list of the partner organisations supporting this platform in their countries
- the pre-arrangement of the business meetings

www.bayern-innovativ.de/microsystems2008

General Information

Participation Conditions

Congress "Innovation in Microsystems" on March 4, 2008

Upon receipt of your application you will receive an invoice as well as a confirmation of your attendance. Cancellations received until **February 26, 2008** are exempt from charges. For later cancellations and for nonattendance, the full amount will be charged.

One-on-One Forum "Innovation in Microsystems" on March 5, 2008

Upon receipt of your application you will receive an invoice as well as a confirmation of your attendance. Cancellations received until **January 25, 2008** are exempt from charges. For later cancellations and for nonattendance, the full amount will be charged.

Registration Congress & One-on-One

Online at:
www.bayern-innovativ.de/microsystems2008
Fax: +49 911 - 20671 - 766

Deadline: see participation conditions

Attendance Fee

Fees include conference proceeding, lunch, refreshments, evening program and get-together. Charges do not include VAT.

	Congress	One-on-One	Both Days
Members of Industry	€ 350,-	€ 350,-	€ 550,-
Members of Institutes	€ 225,-	€ 225,-	€ 350,-
Members of Forum MedTech Pharma e.V. and INNO-Vention partners	€ 175,-	€ 175,-	€ 275,-

General Information

Organisation

Bayern Innovativ Ltd.
Gewerbemuseumsplatz 2
90403 Nuremberg, Germany
Tel.: +49 911-20671-150
Fax: +49 911-20671-766
E-Mail: lison@bayern-innovativ.de
www.bayern-innovativ.de

Location Congress & One-on-One

Arabella Sheraton Bogenhausen Hotel
Arabellastraße 5
81925 Munich, Germany

Location Evening Program

Allianz Arena
Werner-Heisenberg-Allee 25
80939 Munich, Germany

Congress Language

English

Congress

**Tuesday, March 4, 2008
9:30 - 17:00**

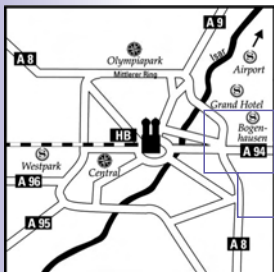
Evening Program

**Tuesday, March 4, 2008
18:30 - 21:00**

One-on-One

**Wednesday, March 5, 2008
9:00 - 17:30**

Travel information



www.bayern-innovativ.de/microsystems2008