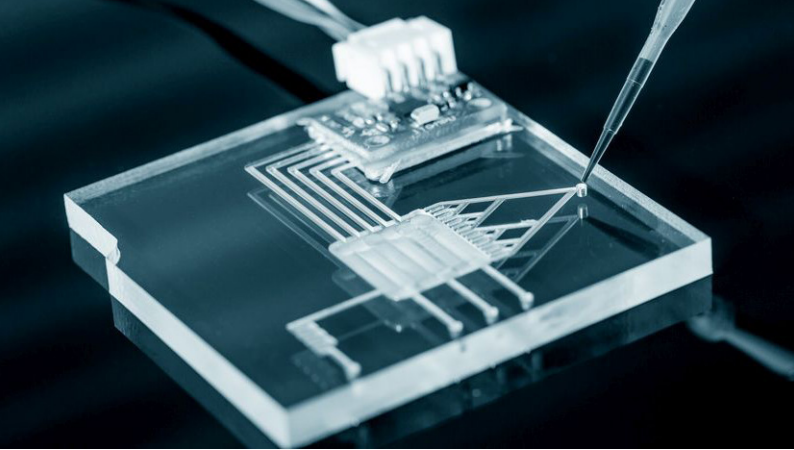


COMPAMED®



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11TH COMPAMED SPRING CONVENTION

MAY 3, 2017, FRANKFURT AIRPORT

MICROFLUIDICS IN MEDICAL TECHNOLOGY

General Aspects and Concepts
Fabrication of Microfluidic Devices
BioMEMS and Cell Handling



11th COMPAMED Spring Convention – Microfluidics in Medical Technology


Dear Sir or Madam, dear IVAM members,

The COMPAMED Spring Convention is the annual expert meeting for developers, producers and users in the field of medical practice. We cordially invite you to the next event on May 3, 2017 at Frankfurt Airport. The focus will be on microfluidics in medical technology. Due to the great international relevance of COMPAMED, the conference language of the 11th COMPAMED Spring Convention is English for the first time.

The development of medical technology aims at decentralizing care of patients. As a result all diagnostic and therapeutic measures and tools have to work at the „Point-of-Care (PoC)“. This offers big advantages as compared to the previous practice, a visit to the doctor's office and test in a laboratory, like avoiding stationary stays, faster results for specific diagnosis and personalized treatment and the potential of saving on health care costs. These devices for diagnostics and therapy have to work automatically and reliably so their advantages can be used. Samples have to be defined exactly in their amount to analyze, process and test them. Drugs have to be assembled and dosed personally for the individual care of the patient. In order to achieve this, microfluidic systems are significant.

Due to this the next COMPAMED Spring Convention on May 3, 2017 at Frankfurt Airport will show the role of microfluidic components and systems in different presentations, like manufacturing methods and available materials for microfluidic components and BioMEMS products, the use of microfluidics in diagnostics and drug dosing as well as the combination of microfluidics with BioMEMS components and sensors.

We look forward to seeing you at the 11th COMPAMED Spring Convention!



Dr. Thomas R. Dietrich
IVAM Microtechnology Network



Horst Giesen
Messe Düsseldorf

PROGRAM, MAY 3, 2017

COMPAMED Spring Convention

09.00 Arrival & Coffee

09.30 **Welcome & Introduction**

Horst Giesen / Christian Bigge,

Messe Düsseldorf, Düsseldorf, DE

Dr. Thomas R. Dietrich,

IVAM Microtechnology Network, Dortmund, DE

1st Session: General Aspects and Concepts

09.40 ***The microfluidic industry: status and trends***

Henne van Heeren,

EnablingMNT, Dordrecht, NL

10.10 ***Controlled liquid flow in a microfluidic channel***

Markku Käsäkoski,

Ginolis Ltd., Oulunsalo, FI

10.40 ***Non invasive diagnostics***

Samantha Paoletti,

CSEM Centre Suisse d'Electronique et de Microtechnique SA,

Landquart, CH

11.10 Networking & Coffee

2nd Session, Part I: Fabrication of Microfluidic Devices

11.40 ***Micro chips for calcification risk measurements
manufactured by ultrasonic processing***

Dr. Johannes Sackmann,

RWTH Aachen University, Aachen, DE

12.10 ***Microfluidics meets 3D printing: nanomembranes for an optical
sensor system for continuous blood glucose monitoring***

Dr. Jan Freitag,

CIS Forschungsinstitut für Mikrosensorik GmbH, Erfurt, DE

12.40 Networking & Lunch

2nd Session, Part II: Fabrication of Microfluidic Devices

13.40 ***Nano dispensing of liquids – powered by micro injection molding***
Harald Grün / Christoph Laske,
MDX Devices GmbH, Deißlingen, DE

14.10 ***Microfluidic manufacturing: New approaches for the value chain***
Borja Barredo,
MicroLIQUID SL, Arrasate, ES

14.40 Networking & Coffee

3rd Session: BioMEMS and Cell Handling

15.10 ***Parallelized LTCC-based BioMEMS for in vitro testing***
Eric Markweg,
TETRA GmbH Ilmenau, Ilmenau, DE

15.40 ***Complexity of state-of-the-art microfluidic devices require the application of leading edge BioMEMS technology***
Dr. Alexios Paul Tzannis,
IMT Masken und Teilungen AG, Greifensee, CH

16.10 ***Microfluidic system for fluorescence activated single cell dispensing demonstrated for circulating tumor cells***
Dr. Michael Baßler,
Fraunhofer ICT-IMM, Mainz, DE

16.40 Discussion

17.00 **End of the Event**

APPLICATION

11th COMPAMED Spring Convention Microfluidics in Medical Technology

Please send the reply form to Inga Goltermann

Email: go@ivam.de

Fax: +49 (0) 231 / 97 42 - 150

Hereby, I register for COMPAMED Spring Convention

The conference fee is 299,00 € if you register until March 31, 2017. The fee for registrations that reach us later is 379,00 €. This conference fee contains digital conference materials, drinks and snacks and an administration fee.

I am a member of IVAM and register for COMPAMED Spring Convention

The conference fee is 249,00 € if you register until March 31, 2017. The fee for registrations that reach us later is 329,00 €. This conference fee contains digital conference materials, drinks and snacks.

Every further participant from the same company or institute will benefit from a discount of 50,00 €.

Name, Surname

Company

Address (for Invoice)

Phone

Email

Value Added Tax (VAT) ID No.

Date, signature

All prices plus 19 % VAT. The invoice will be sent after registration. In case of cancellation of participation up to March 31, 2017, a cancellation fee of 50,00 € will be charged. Starting April 1, 2017, the full price will be charged. Of course, naming a replacement participant at any time and at no additional cost is possible.

IVAM reserves the right to take photos and videos during this event. IVAM will use it for documentation, advertising purposes and press campaigns. It is possible that participants/exhibitors/presenters will appear clearly recognizable on photos/videos used by IVAM. By accepting our terms and conditions, you agree to the described usage. If you do not agree, please inform IVAM before the event starts. Thank you.

GETTING THERE

Airport Conference Center Frankfurt
Hugo-Eckener-Ring
DE - 60547 Frankfurt/Main

The event takes place in room K20.

By plane

The Airport Conference Center is located within the Frankfurt Airport Center 1 (FAC 1) itself. The walkway from Terminal 1 to the FAC 1 can be reached via either of the two escalators in departure halls A and B.

By car

Over 10,000 parking spaces are available. Drive into the parking structure adjacent to the FAC 1 (entrance P3 - P5). From level 8 of the parking structure you can walk straight across to the FAC 1, where the Airport Conference Center is located.

By taxi

Drive toward „Arrivals“. Follow the signs for the CD/CC parking lot, then the sign for the FAC 1. After just a few meters you will see the main entrance of the FAC 1. From there you can take an elevator up to the Airport Conference Center.

By public transportation

From the regional train station beneath the airport, go up to „level 0“. Then follow the signs for the „Frankfurt Airport Center 1“. An elevator will take you up to the walkway leading to the FAC 1. At the long-distance train station, follow the signs for the „Airport Conference Center“ (ACC).