APPLICATION

ΣYSTEMS INTEGRATION 2014
Automation in the production and application of microfluidic devices in chemistry and biotechnology

Please send the fax reply form to Ms. Orkide Karasu:
+49 (0) 231 / 97 42 - 150

☐ **Hereby, I register for ΣYSTEMS INTEGRATION**

The conference fee is 329,00 € if you register until April 30, 2014. The fee for registrations that reach us later is 349,00 €. The conference fee already contains the costs of drinks and snacks.

☐ **I am IVAM member and register as participant for ΣYSTEMS INTEGRATION**

The conference fee is 299,00 € if you register until April 30, 2014. The fee for registrations that reach us later is 329,00 €. The conference fee already contains the costs of drinks and snacks.

☐ **I will attend the self-paid get-together-dinner on the evening of June 16, 2014** (Location details will be provided after application.)

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

Name, surname

Company

Address (for invoice)

Phone **Fax**

Email

Date, signature

All prices plus 19 % VAT. The invoice will be sent after registration. In case of cancellation of participation up to May 27, 2014, a cancellation fee of 50,00 € will be charged. Starting May 28, 2014, 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

WWINN Group B.V.
World Wide Innovations

Einsteinstraat 16
7601 PR Almelo
Netherlands

By car

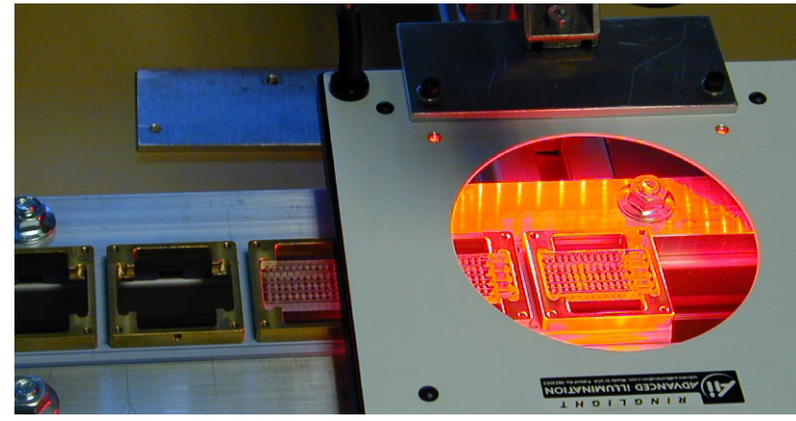
- Take the E30/A1 direction Osnabrück/Oldenzaal/Hengelo
- Turn right direction Borne/Hengelo (30)
- At the traffic lights turn right in the direction Zenderen/Almelo
- You will drive through Borne and Zenderen in the direction Almelo (N743)
- When entering Almelo (sign Almelo) you turn left just before the Chinese restaurant International (direction Industrieterrein Bornsestraat)
- At the next traffic lights you turn left again
- Take the first turn right (Einsteinstraat)
- Follow this road for about 200 meters

About WWINN

The WWINN Group is a technologically renowned company, groundbreaking in creating a competitive edge for its customers worldwide. WWINN does this by developing and realizing smart, innovative production and service solutions. IMS and ESPS are the pillars of the WWINN Group. IMS realizes high-end, turn-key manufacturing technologies and solutions for small and complex products, with a specialization in micro assembly. ESPS lets production and test systems perform optimally, in terms of output as well as reliability.

WWINN

IVAM.



Source : WWINN

ΣYSTEMS INTEGRATION
JUNE 17, 2014

Automation in the production and application of microfluidic devices in chemistry and biotechnology

go-cluster
EXZELLENT VERNETZT!

ΣYSTEMS INTEGRATION 2014
"Automation in the production and application of microfluidic devices in chemistry and biotechnology"

Dear Sir or Madam,

Many advanced micro systems have been constructed in recent years. Especially, microfluidic components are used in a wide range of application fields, such as medical technology, micro-process engineering, biotechnology, metering systems, inkjet printers or 3D printers. However, the developed and tested prototypes have to be produced cost-effectively in order to be accepted in the market. Therefore it is essential to take into consideration the best compatible production and automation technology already while developing the high-tech products.

IVAM will continue its successful series of events, the ΣYSTEMS INTEGRATION, with this year's topic "Automation in the production and application of microfluidic devices in chemistry and biotechnology". In the course of the internationalization of the ΣYSTEMS INTEGRATION the event will take place in the Netherlands for the first time.

Apart from interesting and highly topical expert presentations on microfluidic products, the symposium will provide an insight into the latest production technologies and automation concepts for the production of microstructured components. IVAM and WWINN would be very pleased to welcome you in Almelo to discuss with developers, manufacturers, and users.

We are looking forward to seeing you at the ΣYSTEMS INTEGRATION!

Gerard Huiberts
WWINN B.V.

Dr. Thomas R. Dietrich
IVAM Microtechnology Network

PROGRAM

Tuesday, June 17, 2014 Conference chair: Dr. Thomas R. Dietrich, IVAM Microtechnology Network, Dortmund, DE		
9.30 a.m.	**Registration**	
10.00 a.m.	**Opening**	**Dr. Thomas R. Dietrich** IVAM Microtechnology Network, Dortmund, DE **Gerard Huiberts** WWINN B.V., Almelo, NL
10.10 a.m.	**Advanced manufacturing technologies for micro devices**	**Gerard Huiberts** WWINN B.V., Almelo, NL
10.40 a.m.	**Flow chemistry - integration within reactors, modules and modern chemical plant platforms is (much) more than engineering green chemistry**	**Prof. Dr. Volker Hessel** TU/e Eindhoven University of Technology, Eindhoven, NL
11.10 a.m.	Coffee break	
11.40 a.m.	**From chip-in-a-lab to lab-on-a-chip: integration strategies for commercial microfluidic products**	**Dr. Holger Becker** microfluidic ChipShop GmbH, Jena, DE
12.10 p.m.	**On-board system integration of functions* on a disposable lab-on-a-chip** **(*pumping, valving, mixing, heating, distribution, dispensing,..)**	**Richard Bijlard** Invenios, Santa Barbara, CA, US
12.40 p.m.	**Tour at WWINN**	
1.10 p.m.	Lunch break	
2.00 p.m.	**Optofluidics: Added value for microfluidics based products**	**Dr. Hans van den Vlekkert** LioniX BV, Enschede, NL
2.30 p.m.	**Packaging strategies for hybrid microfluidic**	**Ronny van't Oever** micronit microfluidics bv, Enschede, NL
3.00 p.m.	**Travel to MESA+ (Arrival: 3.30 p.m.)**	
3.45 p.m.	**Microfluidic systems for the analysis of mass-limited samples**	**Han Gardeniers** MESA+ Institute for NanoTechnology, Enschede, NL
4.15 p.m.	**Tour at MESA+**	
5 p.m.	Closing with drinks at MESA+	
5.30 p.m.	**End of ΣYSTEMS INTEGRATION 2014**	