

ABOUT IVAM

IVAM unites people who are excited about key enabling technologies and the way these technologies shape our daily life and our future.

Being an international microtechnology business network and technology marketing expert, IVAM connects professionals in the high-tech industries and supports them in bringing innovative technologies and products to market and gaining a competitive edge in international competition.

Benefits of IVAM membership

- We facilitate your access to international markets.
- We connect you with your customers and partners.
- We increase your visibility within the industry and in the public.
- We give you a head start with exclusive market and industry information.

Who can become a member?

Companies, institutes, corporations, individual persons, students and associations that are involved in microtechnology, nanotechnology, MEMS, advanced materials, micro-optics or photonics, sensor or measurement technology, organic or printed electronics or related key enabling technologies can become members.

We are happy to explain to you in a personal conversation how you or your organization can best benefit from a membership. Feel free to ask us!

REGISTRATION

<https://www.ivam.com/SystemsIntegration19>

The conference fee is **€ 399.00** for registrations until August 31, 2019 and **€ 499.00** after that.

For **IVAM members** the conference fee is **€ 299.00** for registrations until August 31, 2019 and **€ 359.00** after that.

For further information contact
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microsystems



Source: Micro Systems (UK)

SYSTEMS INTEGRATION '19

OCTOBER 8+9, 2019

MICROFLUIDICS IN
INDUSTRY AND LIFE

<https://www.ivam.com/SystemsIntegration19>

PROGRAM

Tuesday, October 8, 2019 (Warrington/Manchester)

13.30 **Microsystems „Open House“ (guided tour)**
101 Golborne Enterprise Park, Warrington, GB

15.00 **Meeting of the IVAM Focus Group Microfluidics**
Dominique Bouwes
Micronit GmbH, Dortmund, DE
Dr. Thomas R. Dietrich
IVAM Microtechnology Network, Dortmund, DE

18.30 **Get-Together Dinner (self paid by participants)**
Worsley Old Hall, Walkden Road, Worsley,
Greater Manchester, M28 2QT, GB

Wednesday, October 9, 2019 (Worsley Old Hall, Manchester)

9.00 Coffee & Registration

9.15 **Welcome**
Gary Clark
Micro Systems (UK) Ltd., Warrington, GB
Dr. Thomas R. Dietrich
IVAM Microtechnology Network, Dortmund, DE

9.30 **Presentation of Micro Systems (UK) Ltd.**
Gary Clark / Philip Tipler
Micro Systems (UK) Ltd., Warrington, GB

Technologies for Microfluidic Components Production

10.00 **Keynote:**
Trends and Challenges in the Microfluidic Industry
Henne van Heeren
EnablingMNT GmbH, Dordrecht, NL

10.30 **Ultra-Precision Machining of Micro Fluidic Mould Inserts**
Joao Ricardo Goncalves
Micro Systems (UK) Ltd., Warrington, GB

10.50 Coffee & Networking

11.20 **Lab-on-a-Chip Systems - From Inspiration to Application**
Dr. Elfi Töpfer
microfluidic ChipShop GmbH, Jena, DE

11.40 **Production of Microfluidic Components**
Julian Tarratt
PCE Automation Ltd., Beccles, GB

Equipment with Microfluidic Components

12.00 **The Use of Microfluidics for Particle Generation**
Alexander Armitstead
Blacktrace Holdings Ltd., Royston, GB

12.20 Lunch & Networking

13.20 **Developing Manufacturing Technologies for Synthesis of Nanoparticles for Healthcare Applications**
Prof. Asterios Gavriilidis
University College London, London, GB

13.40 **Pumps - Enabling Continuous Flow and Pipetting Applications**
Dr. Carsten Damerou
HNP Mikrosysteme GmbH, Schwerin, DE
Sam Smith
Michael Smith Engineers Ltd., Woking, GB

14:00 **The Micropump's role in the microfluidic revolution**
John Watson
TTP Ventus Ltd., Melbourn Hertfordshire, GB

14.20 **Hightech-Equipment for Microfluidic Devices for Advanced Applications**
Dr. Nour Yakdi
Fluigent, Le Kremlin Bicetre, FR

14.40 Coffee & Networking

Applications for Microfluidic Components

15.10 **Keynote:**
Microfluidics Applications - Progress Report
Dr. Peter F. Hewkin
Center for Business Innovation Ltd., Cambridge, GB

15.40 **Mobile Diagnostics for Infectious Diseases**
Lars Blohm
Campton Diagnostics GmbH, Itzehoe, DE

16.00 **Flexible Microfluidic Platforms for Diagnostic and Microbiological Applications**
Dr. Markus-Jürgen Sommer
Fraunhofer Institute for Microengineering and Microsystems IMM, Mainz, DE

16:20 Discussions