

Montag/Monday,
18 November 2019

11:45–11:50 h [EN]

Opening

Dr. Thomas R. Dietrich, IVAM Microtechnology
Network, Dortmund, DE

11:50–14:30 h [EN]

Session: Printed electronic and
3D-printing**Session Chair: Ilkka Kaisto**, VTT Technical
Research Centre of Finland, Oulu, FI

11:50–12:10 h [EN]

**Consumables for life science and diagnostics:
manufacturing and standardization in a glass
foundry****Dr. Alexios Paul Tzannis**, IMT Masken und
Teilungen AG, Greifensee, CH

12:10–12:30 h [EN]

**Quo vadis – High-precision 3D-printing in
medical technology****Yannick Dupuis**, Multiphoton Optics GmbH,
Würzburg, DE

12:30–12:50 h [EN]

**Bringing medical models to live with
3D-printing****Arnaud Toutain**, Stratasys GmbH,
Rheinmuenster, DE

12:50–13:10 h [EN]

**Digital microfluidics valve for low cost point
of care diagnostics****Markku Käsäkoski**, Ginolis Oy, Oulu, FI

13:10–13:30 h [EN]

**Printed electronics integration for medical
devices****Roelof C.W. Aalpoel**, Screenshot Oy, Oulu, FI

13:30–13:50 h [EN]

Elastic sensors for healthcare and wellness

applications

Teemu Alajoki, VTT Technical Research Centre
of Finland, Oulu, FI

13:50–14:10 h [EN]

**Connection between 3D-printer and medical
equipment****Satoru Takeishi**, JMC Corporation, Yokohama,
JP

14:10–14:30 h [EN]

Pitching session with start-ups

14:30–14:50 h Break

14:50–16:50 h [EN]

Session: Dutch session

Session Chair: Mona Okroy-Hellweg,
IVAM Microtechnology Network, Dortmund, DE

14:50–15:20 h [EN]

**Micro- and nanotechnologies in medical
devices in the Netherlands****Henne van Heeren**, EnablingMNT, Dordrecht,
NL

15:20–15:50 h [EN]

**How the Dutch ecosystem results in a
functional product****Coen van Kalken**, Qurin Diagnostics,
Amsterdam, NL

15:50–16:20 h [EN]

**Foundry service for microfluidic
components in diagnostics****Robin de Bruijn**, Philips Innovation Services,
Eindhoven, NL

16:20–16:50 h [EN]

**Will next-generation microfluidics
drive your future products?****Dr. Mark Olde Riekerink**, Micronit
Microtechnologies B.V., Enschede, NLDienstag/Tuesday,
19 November 2019

10:40–14:00 h [EN]

Session: Laser and photonics
applications EPIC tech watch**Session Chair: Dr. Jose Pozo**,
EPIC – European Photonics Industry Consortium,
Eindhoven, NL

10:40–11:00 h [EN]

Black marking – perfect for permanent UDI**Thorsten Ferbach**, COHERENT Munich GmbH
& Co. KG, Gilching, DE

11:00–11:20 h [EN]

**More light – system solutions for healthcare
and life science applications****Dr. Ute Hofmann**, JENOPTIK Optical Systems
GmbH, Jena, DE

11:20–11:40 h [EN]

**Laser based production of polymer
microfluidics components****Maximilian Brosda**, Fraunhofer-Institut für
Lasertechnik ILT, Aachen, DE

11:40–12:00 h [EN]

Magic hollow micro-needle for diabetes**Yoichi Oikawa**, Think-Lands Co., Ltd,
Yokohama, JP

12:00–12:20 h [EN]

**Microstructuring applications for medical
industry using femtosecond laser****Raul Garcia**, Microrelleus, S.L., Barcelona, ES

12:20–12:40 h [EN]

**Precise power and energy measurement
with a new generation of high speed
laser sensors****Sergio Pellegrino**, Laserpoint Srl, Milan, IT

12:40–13:00 h [EN]

**Ramping up production of photonic
components for medical applications using
the European pilot lines in photonics****Ana Gonzalez**, EPIC - European Photonics
Industry Consortium, Barcelona, ES

13:00–13:20 h [EN]

**New photonic approaches for a rapid on-site
diagnosis of infectious diseases****Joerg Weber**, Leibniz-IPHT Jena/Biophotonics
Diagnostics GmbH, Jena, DE

13:20–13:40 h [EN]

Raman spectroscopy guided tumor surgery**Dr. Claus Schaffrath**, SurGuide, Rotterdam,
NL

13:40–14:00 h [EN]

**SPIDTM Platform for easy infectious and
metabolic disease diagnostic****Hugues Tariel**, DIAFIR, Rennes, FR

14:00–14:20 h Break

14:20–16:00 h [EN]

Session: Digitalisation of medical
equipment**Session Chair: Niklas Kuczaty**,
VDMA – Arbeitsgemeinschaft Medizintechnik,
Frankfurt, DE

14:20–14:40 h [EN]

Industrial security and medical equipment**Steffen Zimmermann**, VDMA – Industrial
Security, Frankfurt, DE

14:40–15:00 h [EN]

**How to bring medical equipment on the level
„High“ of the new EU cybersecurity act?****Dr. Detlef Houdeau**, Infineon AG, Neubiberg, DE

15:00–15:20 h [EN]

**A critical discussion of current trends &
hypes in IT security****Prof. Dr. Andreas Schaad**, Hochschule
Offenburg, Offenburg, DE

15:20–15:40 h [EN]

**How to combine security and new business
models for medical equipment****Oliver Winzenried**, WIBU-SYSTEMS AG,
Karlsruhe, DE

Stand: Oktober 2019/Änderungen vorbehalten!

Das aktuelle Programm finden Sie unter: www.compamed.de/CHF1

Status: October 2019/Subject to change without notice!

The current programme can be found online at: www.compamed.de/CHF2

Dienstag/Tuesday,
19 November 2019

15:40–16:00 h [EN]

Cyber security for medical devices –
how will the future look like?

Dr. Georg Heidenreich, Siemens-
Healthineers, Erlangen, DE

16:00–16:20 h Break

16:20–17:20 h [EN]

Session: Japanese precision manufacturing for medical devices

Session Chair: Hitoshi Koyano,

EU-Japan Centre for Industrial Cooperation,
Tokyo, JP

16:20–16:40 h [EN]

Value-creating technology from Yokohama

Katsuhiko Saho, Yokohama Industrial
Development Corporation, Yokohama, JP

16:40–17:00 h [EN]

Possibility of collaboration with Japanese
SMEs/Hidden champions

Chikatosh Takayama, Director General.
Organization for Small & Medium Enterprises
and Regional Innovation, JAPAN, Tokyo, JP

17:00–17:20 h [EN]

Ideas from Tokyo, unique micro tech for
medical devices

Yuichi Hotta, Ota City Industrial Promotion
Organization, Tokyo, JP

Mittwoch/Wednesday,
20 November 2019

10:30–12:30 h [EN]

Session: Smart sensor solutions

Session Chair: Mona Okroy-Hellweg,

IVAM Microtechnology Network, Dortmund, DE

10:30–10:50 h [EN]

Non-invasive monitoring of important
cardiovascular parameters

Dr. Martin Jahn, CiS Forschungsinstitut für
Mikrosensorik GmbH, Erfurt, DE

10:50–11:10 h [EN]

MEMS capacitive pressure sensors for
medical applications

Nikolaos Valantasis-Kanellos, ES Systems,
Koropi, GR

11:10–11:30 h [EN]

Localization of miniaturized measurement
sensors in bioprocesses

Sven Lange, Fraunhofer-Institut für
Elektronische Nanosysteme ENAS,
Paderborn, DE

11:30–11:50 h [EN]

Autonomous biosensor based systems

Gerhard Jobst, Jobst Technologies GmbH,
Freiburg, DE

11:50–12:10 h [EN]

Safety considerations in invasive pressure
sensing

Dr. Justin Gaynor, Silicon Microstructures,
Inc., Milpitas, US

12:10–12:30 h [EN]

Tailor-made coatings for smart sensors

Dr. Anke Schütz-Trilling, Surfiv BV,
Wageningen, NL

12:30–12:50 h Break

12:50–14:30 h [EN]

Session: Microprecision, manufacturing and processing

Session Chair: Dr. Thomas R. Dietrich,

IVAM Microtechnology Network, Dortmund, DE

12:50–13:10 h [EN]

Specifying connectors and cables for medical
applications

Serge Buechli, LEMO S.A., Ecublens, CH

Mittwoch/Wednesday,
20 November 2019

13:10–13:30 h [EN]

Assembly and test of medical filters

Dr. Michael Wagner, SIM Automation GmbH,
Heilbad Heiligenstadt, DE

13:30–13:50 h [EN]

Ultra-precise micro-alignment of medical
optics – new platform solution by Berliner
Glas

Dr. Erik Blazek, Berliner Glas KGaA Herbert
Kubatz GmbH & Co., Berlin, DE

13:50–14:10 h [EN]

Performance, precision: advances in
micropump technology

Tom Harrison, TTP Ventus, Melbourn, UK

14:10–14:30 h [EN]

Challenges at process validation of optical
injection molded parts

Philipp Neuhaus, VIAOPTIC GmbH, Wetzlar, DE

14:30–14:50 h Break

14:50–15:25 h [EN]

Session: Equipment manufacturer meets component manufacturer

Session Chairs: Rim Stroeks, Enterprise Europe
Entwork, Muelheim an der Ruhr, DE

Dr. Thomas R. Dietrich, IVAM Microtechnology
Network, Dortmund, DE

14:50–15:00 h [EN]

Opening of the session „Equipment
manufacturer meets component
manufacturer“

Rim Stroeks, Sector Group Micro- and
Nanotechnologies, Eindhoven, NL

Dr. Thomas R. Dietrich, IVAM Microtechnology
Network, Dortmund, DE

15:00–15:20 h [EN]

Introduction of networks and 10 pitches

Benno Weissner, ZENIT GmbH, Muelheim
an der Ruhr, DE

Dr. Thomas R. Dietrich, IVAM Microtechnology
Network, Dortmund, DE

15:20–15:40 h [EN]

Start of guided tour at the IVAM joint
pavilion for registered equipment
manufacturers and component manufacturer

Benno Weissner, ZENIT GmbH, Muelheim
an der Ruhr, DE

Dr. Thomas R. Dietrich, IVAM Microtechnology
Network, Dortmund, DE

15:40–15:45 h Break

15:45–19:00 h [EN]

Session: Tokyo metropolitan government

Session Chair: Mayuko Tsuruoka,

Mizuho Information and Research Institute, Inc.,
Tokyo, JP

15:45–15:50 h [EN]

Opening remarks on the session „Tokyo
metropolitan government“

Jun Saito, Tokyo Metropolitan Government,
Tokyo, JP

15:50–16:00 h [EN]

DeepD: An AI-aided diagnosis system

Hamza Ichchou, Corpy&Co., Inc., Tokyo, JP

16:00–16:10 h [EN]

Echo marked disposable needles for
anesthesia and biopsy

Ryuhei Fujikami, Dr. Japan Co., Ltd., Tokyo, JP

16:10–16:20 h [EN]

Electrophysiological devices for evaluation
of efferent/afferent nervous defects

Satoe Ishii, INTERCROSS CORPORATION,
Tokyo, JP

16:20–16:30 h [EN]

High-precision processing of medical

Stand: Oktober 2019/Änderungen vorbehalten!

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Mittwoch/Wednesday,
20 November 2019

needles and cannulas

Yaeno Hori, Nihon Chushashin Kogyo Co., Ltd., Tokyo, JP

16:30–16:40 h [EN]

All-resin forceps: disposable, light weight and environmentally friendly

Shigeru Takemoto, Nisshin Industrial Ltd., Tokyo, JP

16:40–16:50 h [EN]

High-precision CNC machining parts of metal and plastic components

Yuzo Asano, Shimura Precision Co., Ltd., Tokyo, JP

16:50–17:00 h [EN]

Motor driven pipetting head unit for lab automation

Akira Watanabe, STACK SYSTEM Co., Ltd., Tokyo, JP

17:00–17:10 h [EN]

Membrane switch and capacitive film sensor based on printed electronics technology

Yoko Kojima, TDI ELECTRONICS Co., Ltd., Tokyo, JP

17:10–17:20 h [EN]

Wireless communication modules in sub-1GHz and 2.4GHz band

Nobuyuki Suzuki, Telepower Inc., Tokyo, JP

17:20–17:40 h [EN]

Radiation shielding sheet by tungsten/bismuth coated fibers

Aki Ishikawa, Yosh International Co., Ltd., Tokyo, JP

17:40–19:00 h [EN]

Networking event

Tokyo Metropolitan Government, Tokyo, JP

Donnerstag/Thursday,
21 November 2019

10:00–13:20 h [EN]

Session: Microfluidics – the key enabling technology for diagnostics and life science consumables

Session Chair: Dr. Holger Becker, microfluidic ChipShop GmbH, Jena, DE

10:00–10:20 h [EN]

Disc Pump: A Compact, Versatile and High-Precision Pump for Next-Generation Microfluidics

John Watson, TTP Ventus, Melbourn, GB

10:20–10:40 h [EN]

Human microfluidically supported organ-models in basic research and drug testing

Dr. Knut Rennert, Dynamic42 GmbH, Jena, DE

10:40–11:00 h [EN]

Fluid filters as a protection tool for pumps and analytical devices – new HNPM F-MI filter series

Dr. Ralf Ehret, HNP Mikrosysteme GmbH, Schwerin, DE

11:00–11:20 h [EN]

Innovation of single-use drug delivery system

Dr. Anne Vaterrodt, Bartels Mikrotechnik, Dortmund, DE

11:20–11:40 h [EN]

Piezo-based microfluidic solutions for micropumps and sensor management

Frank Möller, Physik Instrumente (PI) GmbH & Co.KG, Karlsruhe, DE

11:40–12:00 h [EN]

Fast prototyping and industrial serial manufacturing of lab-on-a-chip and organ-on-a-chip systems

Harald Denz, DENZ BIO-Medical GmbH, Mäder, AT

12:00–12:20 h [EN]

Raman trapping microscopy for label-free and fast analysis of cells and bacteria in fluids

Dr. Karin Schütze, CellTool GmbH, Tutzing, DE

12:20–12:40 h [EN]

Diagnostics applications made of non-CMOS compatible materials on glass

Dr. Alexios P. Tzannis, IMT Masken und Teilungen AG, Greifensee, CH

Donnerstag/Thursday,
21 November 2019

12:40–13:00 h [EN]

More than the sum of its parts: a holistic approach to microfluidic solutions

Dr. Holger Becker, microfluidic Chipshop GmbH, Jena, DE

13:00–13:20 h [EN]

New perspectives for single-use microfluidic devices

Alain Germain, CG.TEC – Part of Dedienne Multiplasturgy® Group, Frasné, FR

13:20–13:40 h Break

13:40–15:40 h [EN]

Session: JETRO seminar – open innovation and university collaborations between Japan and Germany

Session Chair: Masayoshi Watanabe, JETRO (Japan External Trade Organisation), Düsseldorf, DE

13:40–13:45 h [EN]

Welcome remarks by JETRO Düsseldorf
Masayoshi Watanabe, JETRO Düsseldorf, Düsseldorf, DE

13:45–14:00 h [EN]

Industry-Academia collaboration in Japan/cooperation with Charité University Berlin

Chisato Mori, Chiba University, Chiba, JP

14:00–14:05 h [EN]

Chiba Prefecture

Welcomes you to Kashiwanoha
t.b.a., Chiba Prefecture, Chiba, JP

14:05–14:10 h [EN]

Invest Miyagi ideal environment for business and living

Yoshiko Narita, Miyagi Prefecture, Miyagi, JP

14:10–14:25 h [EN]

Energy innovation by AZUL catalyst technology research result of therapeutic instrument for cholecystitis

Koju Ito, AZUL Energy Inc., Miyagi, JP
Koichiro Miyamoto, Tohoku University, Miyagi, JP

14:25–14:30 h [EN]

Investment Environment in Ibaraki Prefecture

Kaoru Kikyodani, Ibaraki Prefecture, Ibaraki, JP

14:30–14:45 h [EN]

Success cases of German-Japanese collaboration

Hiroaki Kumada, Faculty of Medicine, University of Tsukuba, Ibaraki, JP

14:45–14:50 h [EN]

Presentation by Kobe City

Naoko Sugisako, Kobe City, Kobe JP

14:50–15:05 h [EN]

Open innovation between German and Japanese companies

Masahide Azuma, Foundation for Biomedical Research and Innovation at Kobe, Kobe, JP

15:05–15:10 h [EN]

Why Kanagawa? Business environment & investment incentives

Taisuke Higuchi, Kanagawa Prefecture, Kanagawa, JP

15:10–15:15 h [EN]

Innovation city Yokohama

Takeshi Tamai, Yokohama City, Yokohama, JP

15:15–15:30 h [EN]

City of Yokohama – A City chosen by the World
Jürgen Böck, FESTO AG & Co. KG, Esslingen, DE

15:30 h [EN]

Networking reception with snacks and drinks

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