Wednesday, November 20		
1:05 p.m.	Opening	Dr. Frank Bartels, IVAM Microtechnology Network, Dortmund, DE
Session: **Printed Intelligence**		
Session chair: Ilkka Kaisto, PrintoCent/VTT, Oulu, FI		
1:10 p.m.	PrintoCent boosting printed rapid Diagnostics System Cases for Wellness & Medical Applications	Ilkka Kaisto, PrintoCent/VTT, Oulu, FI
1:30 p.m.	Quality Measurements for Medical Packaging and Tubing	Sauli Törmälä, Focalspec, Oulu, FI
1:50 p.m.	Mobile Microscope for Medical Applications	Jaakko Raukola, KeepLoop, Espoo, FI
2:10 p.m.	Patient Monitoring and Diagnostics; Novel Approaches by Printing for Medicine, Sports and Wellness	Antti Tauriainen, Screentec Oy, Oulu, FI
2:30 p.m.	Integrating Micro-Electromechanical Systems into Medical Devices	Dr. Tapani Koivukangas, Lewel Group Finland Oy, Oulu, FI
2:50 p.m.	New Opportunities in Diagnostics; From New Technologies to New Applications	Dr. Raimo Korhonen, VTT-Technical Research Centre of Finland, Oulu, FI
3:10 p.m.	Printed Battery driving printed Smart Sensor System	Dr. Andreas Willert, Fraunhofer ENAS, Chemnitz, DE
Session: **Medizinische Innovation durch Mikrotechnik**		
Session chair: Harald Pötter / Erik Jung, Fraunhofer Institute for Reliability and Microintegration IZM, Berlin, DE		
4:00 p.m.	Mikrosystemtechnik als Schlüssel für die Medizintechnik des 21. Jahrhunderts	Harald Pötter, Fraunhofer Institute for Reliability and Microintegration IZM, Berlin, DE
4:25 p.m.	TUDOS – Kontinuierliche Dosierung von Chemotherapeutika mit höchster Präzision	Dr. Martin Richter, Fraunhofer EMFT, München, DE
4:50 p.m.	Flexible Substrate für hochanspruchsvolle Anwendungen in der Medizintechnik	Dr. Dietmar Lütke-Notarp, NBTechnologies, Bremen, DE
5:15 p.m.	Glukosemessung in der Tränenflüssigkeit - Innovationen aus der Halbleitertechnik für die Medizin	Prof. Dr. Michael Kraft, Fraunhofer IMS, Duisburg, DE
5:40 p.m.	Mikro- und Nanotechnik: Treiber der Innovation in der medizinischen Diagnostik und Therapie	Erik Jung, Fraunhofer Institute for Reliability and Microintegration IZM, Berlin, DE
6.00 p.m.	End of Session	

Thursday, November 21		
Session: Microprecision, Manufacturing and Processing		
Session chair: Dr. Frank Bartels, Bartels Mikrotechnik GmbH, Dortmund, DE/ IVAM Microtechnology Network, Dortmund, DE		
11.00 a.m.	Fabrication and Integration Issues of Highly-integrated Lab-on Chips Systems	Dr. Jörg Nestler, Fraunhofer ENAS, Chemnitz, DE
11.20 a.m.	Color Coded Micro Fluidic Signature Analysis	Dr. Angelika Murr, CDA GmbH, Suhl, DE
11.40 a.m.	Superfine Etching for Micro Applications	Christian Ehrat, micrometal GmbH, Mülheim/Baden, DE
12.00 a.m.	Photo Etching: Unlimited Possibilities	Eric Kemperman, Etchform BV, Hilversum, NL
12.20 a.m.	Microfluidic Substrates	Frédéric Breussin, Yole Développement, Lyon-Villeurbanne, FR
12.40 p.m.	Fluorescence - sensors for Microfluidic	Dr. Olaf Brodersen, CiS Forschungsinstitut für Mikrosensorik und Photovoltaik GmbH, Erfurt, DE
Session chair: Andrea Pick, Aufgeräumt – Organisation & Coaching		
1.00 p.m.	Miniaturization in Medical Technology - Manufacturing of Polymer and Hybrid Microsystems	Kay-Uwe Klepzig, JENOPTIK Polymer Systems GmbH, Triptis, DE
1.20 p.m.	Antimicrobial Parylene Technology for Medical Device Applications	Juan Gudino, Specialty Coating Systems, Indianapolis/Indiana, US
1.40 p.m.	Mass Flow Controllers in Medical Applications: Fastest Response Time and Shortest Time to Market	Dr. Daniel Träutlein, Sensirion AG, Staefa ZH, CH
2.00 p.m.	Innovative MEMS Sensors for Medical Applications	Dr. Emmanuel Zervakis, ESS European Sensor Systems, Athens, GR
Session: Laser & Photonic Applications		
Session chair: Mona Okroy-Hellweg, IVAM Microtechnology Network, Dortmund, DE		
2.20 p.m.	Optical Solutions for Imaging and Diagnosis	Dr. Fabian Weise, Berliner Glas KGaA Herbert Kubatz GmbH & Co., Berlin, DE
2.40 p.m.	Photonic Microsystems for Life Science Applications	Jan Fehse, Fisba Optik AG, St.Gallen, CH
3.00 p.m.	Biophotonics Applications	Bejamin Roussel, Yole Développement, Lyon-Villeurbanne, FR
3.20 p.m.	Turnkey OEM Laser Design Service of Life Science Application	Sampsa Kuusiluoma, Modulight, Inc., Tampere, FI
Session: Singapore Session		
Session chair: Dr. Thomas R. Dietrich, IVAM Microtechnology Network, Dortmund, DE		
4.00 p.m.	Singapore's Advantage for Global MedTech Companies Accessing Asia's Potential	Ng Thye Ann, International Enterprise Singapore, SP
4.15 p.m.	Engineering solutions for MedTech industry	Hope Technik, SP
4.40 p.m.	Contract Manufacturing for Surgical Robotics and Automation in Asia	Sys-Mac Automation, SP
5.05 p.m.	Questions & Answers, Conclusion	International Enterprise Singapore, SP
6.00 p.m.	End of Session	

Friday, November 22		
Session: **Lab-on-a-Chip – Miniaturized Tools for Diagnostic Applications and Bioprocess Intensification**		
Session chair: Dr. Holger Becker, microfluidic ChipShop GmbH, Jena, DE		
11.00 a.m.	Microfluidic Driven Analytics – Tools and System – Introduction	Dr. Holger Becker, microfluidic ChipShop GmbH, Jena, DE
11.10 a.m.	Microfluidic Tools Embedded in Complete Systems	Dr. Holger Becker, microfluidic ChipShop GmbH, Jena, DE
11.30 a.m.	Precision Microfluidics: Blood/Plasma Separation using Multi-Layer Laminate Driven by Capillary Action.	Dan Winebrenner, Auer Precision, Arizona, US
11.50 a.m.	IFSA – Merger of Immunofiltration, Lab-on-a-chip Devices and Liquid Handling – Cardiac Markers on a Flexible Microfluidic Device	Dr. Peter Miethe, fzmb GmbH, Bad Langensalza, DE
12.10 a.m.	MinoLab - A Novel Magnetic Bead-based Diagnostic Platform for the Detection of Pathogen-specific Biomolecules	Dr. Christian Zilch, Magna Diagnostics GmbH, Leipzig, DE
12.30 a.m.	Controlling Biological Processes Using Micro Reactor Technology	Dr. Sven Tombrink, iX-Factory, Dortmund, DE
12.50 a.m.	Artificial Micro Organs – A Microfluidic Tool for Cell Studies in Drug Developement	Dr. Julia Schütte, NMI Naturwissenschaftliches und Medizinisches Institut an der Universität Tübingen, Reutlingen, DE
1.10 p.m.	Panel Discussion	Dr. Holger Becker, microfluidic ChipShop GmbH, Jena, DE Dan Winebrenner, Auer Precision, Arizona, US Dr. Peter Miethe, fzmb GmbH, Bad Langensalza, DE Dr. Christian Zilch, Magna Diagnostics GmbH, Leipzig, DE Dr. Sven Tombrink, iX-Factory, Dortmund, DE Dr. Julia Schütte, NMI Naturwissenschaftliches und Medizinisches Institut an der Universität Tübingen, Reutlingen, DE
1.40 p.m.	End of Forum	