

Wednesday, November 18 <sup>th</sup> 1:05p.m. - 3:00 p.m.		Presenter
	<b>Session Chair: Dr. Uwe Schnakenberg, RWTH Aachen / IWE I, D</b>	
1:05 p.m.	Opening	Dr. Uwe Kleinkes, IVAM Research, Dortmund, D
1:10-1:30 p.m.	Methodological Approach of Medical Devices Automation Projects	Dipl.-Ing. ETHL Denis Bubendorf, Sysmelec S.A., Gals, CH
1:30-1:50 p.m.	How Zorflex 100% Activated Carbon Cloth can be used to combat Viruses	Andrea Smith, Chemviron Carbon Cloth Division, Houghton le Spring, Tyne & Wear, GB
1:50-2:10 p.m.	Flow controlled Micropumps – Closing the Gap towards Medical Applications	Dipl.-Ing. Severin Dahms, Bartels Mikrotechnik GmbH, Dortmund, D
2:10-2:30 p.m.	How you benefit from simultaneous PCB Design and Simulation of Signal Integrity	Dipl.-Ing. / MBA Gregor Groß, alpha-board GmbH, Berlin, D
2:30-2:50 p.m.	Electronic Services for Medical Products	Frank Unland, Lacroix Electronics GmbH, Willich, D
2:50-3:00 p.m.	Break	
Wednesday, November 18 <sup>th</sup> 3:00 p.m. - 4:40 p.m.		Presenter
	<b>Session Chair: Dr. Ulrike Michelsen, Bartels Mikrotechnik GmbH, Dortmund, D</b>	
3:00-3:20 p.m.	Advances in Medical Device Packaging using Parylenes	Lonny Wolgemuth, Specialty Coating Systems, Indianapolis/Indiana, USA
3:20-3:40 p.m.	Optoelectronic Reader Modules for Rapid Diagnostics	Dr. Thomas Weyh, JENOPTIK Polymer Systems GmbH, Triptis, D
3:40-4:00 p.m.	Micro Moulding of Medical Components	Paul Glendenning, MicroSystems (UK) Ltd., Warrington, UK
4:00-4:20 p.m.	VitroStealth non-biofouling Coatings Technology Platform in Combination with DSM Medical Coatings Core Products	Jens Thies, DSM Biomedical BV, EL Urmond, NL
4:20-4:40 p.m.	SWLI for economical Roughness Measurement on Dental Implants	Dipl.-Ing. Frank Stanzel, ZygoLOT GmbH, Darmstadt, D
4:40-5:00 p.m.	Micro-optical sensoric Systems for puls-oxymetric measurements in reflective mode	Dipl.-Ing. Thomas Henning, CIS Forschungsinstitut für Mikrosensorik und Photovoltaik GmbH, Erfurt, D
Thursday, November 19 <sup>th</sup> 11:00 a.m. - 1:20 p.m.		Presenter
	<b>Session Chair: Dr. Pascal Gerner, Sensirion AG, Stäfa, CH</b>	
11:00-11:20 a.m.	Modular Micro Assembly Solutions for Medical Applications	Ir. A. M. Brouwers, Integrated Mechanization Solutions (IMS), Almelo, NL
11:20-11:40 a.m.	Blood, Drugs & Sparkling Wine – Fluid Handling of Critical Media	Dr. Roland Stangl, PARtec GmbH, MICROrun – A Brand of PARtec, Weilheim, D
11:40-12:00 p.m.	THEON Sensors Micro-Electro-Mechanical Systems	Dr. Emmanuel Zervakis, THEON Sensors S.A., Koropi, GR
12:00-12:20 p.m.	Advanced Documentation for Product Enginee- ring of Medical Devices – Results of the Project CORONA	Dr. Christine Neuy, IVAM Microtechnology Network, Dortmund, D
12:20-12:40 p.m.	Measurement of inner- and outer Wallthickness of Medical Tubes	Dr. Alexander Knüttel, ISIS sentronics GmbH, Mannheim, D
12:40-1:00 p.m.	Simplification of Bubble Detection and Liquid Flow Sensing	Dipl.-Ing. Ulf Kanne, Sensirion AG, Stäfa, CH
1:00-1:20 p.m.	Break	
Thursday, November 19 <sup>th</sup> 1:20 p.m. - 2:40 p.m.		Presenter
	<b>Session: Quality Assurance and Metrology in the Medical Technology</b> <b>Session Chair: Marita Dautel, IVAM Microtechnology Network, Dortmund, D</b>	
1:20-1:40 p.m.	Automated In-Process-Control at the Device Production in the Pharmaceutical Industry	Markus Kirchner, Boehringer Ingelheim microParts GmbH, Dortmund, D
1:40-2:00 p.m.	O-Inspect – Multisensoric-CMM for Medical Devices	Dipl.-Ing. Christoph Stark, Carl Zeiss IMT GmbH, Oberkochen, D
2:00-2:20 p.m.	3D Inspection of Medical Components	Dr. Josef Frohn, NanoFocus AG, Oberhausen, D
2:20-2:40 p.m.	Multi Sensor Metrology	Dr. Thomas Fries, FRT, Fries Research & Technology GmbH, Bergisch Gladbach, D

Thursday, November 19 <sup>th</sup> 2:40 p.m. - 5:00 p.m.		Presenter
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Session Chair: Dr. Christine Neuy,  
IVAM Microtechnology Network, Dortmund, D

**Simultaneous Translation: German-Japanese**

2:40-2:50 p.m.	Opening Japan Session	Dr. Peter Scholz, Ministry for Economic Affairs and Energy of the State of North Rhine-Westphalia, Düsseldorf, D Horst Giesen, Project Director MEDICA & COMPAMED, Messe Düsseldorf, Düsseldorf, D
2:50-3:20 p.m.	Der europäische Markt für Medizintechnik – Trends und Aktivitäten	Dr. Uwe Kleinkes, IVAM Research, Dortmund, D
3:20-3:50 p.m.	Marktregulierung in der EU, mit Schwerpunkt Bundesrepublik Deutschland	Dr. Volker Lücker, Kanzlei Lücker * MP-Recht, Essen, D
3:50-4:20 p.m.	Von Komponenten zu Systemen – ein umfassender Ansatz in der Medizintechnik	Martin Hovestadt, Jüke Systemtechnik GmbH, Altenberge, D
4:20-4:50 p.m.	Marktzugang in Europa – Erfahrungen eines japanischen Unternehmens	N.N.
4:50-5:00 p.m.	Schlusswort	Dr. Andreas Moerke, Messe Düsseldorf Japan Ltd., Tokyo, J

Friday, November 20 <sup>th</sup> 11:00 a.m. - 1:30 p.m.		Presenter
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Session Chair:  
Patric Salomon, 4M2C PATRIC SALOMON  
GmbH, Berlin, D  
Henne van Heeren, EnablingM3, Dordrecht, NL

11:00-11:20 a.m.	SmartHEALTH: Smart Integrated Biodiagnostic Systems for Healthcare	Prof. Calum McNeil, Newcastle University, Diagnostic and Therapeutic Technologies, The Medical School, Newcastle upon Tyne, UK
11:20-11:40 a.m.	Advanced Sensor Technologies for Cancer Diagnostics in a Lab-on-a-Chip System	Prof. Dr. Ciara O'Sullivan, University of Rovira i Virgili, Department of Chemical Engineering, Tarragona, ESP
11:40-12:00 p.m.	Microfluidics, the technological Backbone for Diagnostic Lab-on-a-Chip Systems	Dr. Klaus-Stefan Drese, Institut für Mikrotechnik Mainz GmbH, Mainz, D
12:00-12:20 p.m.	Instrumentation – The Challenge to meet with fluidic, optical, mechanical Aspects	Dr. Livio Cognolato, Olivetti i-Jet, Technology R&D, Arnad (AOSTA), IT
12:20-12:40 p.m.	Biology on Chip – How Assays perform in a shrinked Environment	Linda Stroembom, TATAA Biocenter AB, Goeteborg, SE
12:40-1:00 p.m.	Integrated Lab-on-a-Chip Diagnostic Cartridge – A View from an industrial Perspective	Dr. Claudia Gärtner, microfluidic ChipShop GmbH, Jena, D
1:00-1:20 p.m.	Panel Discussion: Enabling Point-of-Care Diagnostics: Lab-on-a-Chip innovative Sensor Technologies	Prof. Dr. Calum McNeil, Newcastle University, Diagnostic and Therapeutic Technologies, The Medical School, Newcastle upon Tyne, UK Prof. Dr. Ciara O'Sullivan, University of Rovira i Virgili, Department of Chemical Engineering, Tarragona, ESP Dr. Klaus-Stefan Drese, Institut für Mikrotechnik Mainz GmbH, Mainz, D Dr. Livio Cognolato, Olivetti i-Jet, Technology R&D, Arnad (AOSTA), IT Linda Stroembom, TATAA Biocenter AB, Goeteborg, SE Dr. Claudia Gärtner, microfluidic ChipShop GmbH, Jena, D Philip Bowe, Dublin City University, Dublin, IE Patric Salomon, 4M2C PATRIC SALOMON GmbH, Berlin, D Henne van Heeren, EnablingM3, Dordrecht, NL
1:20-1:30 p.m.	Break	

Friday, November 20 <sup>th</sup> 1:30 a.m. - 1:50 p.m.		Presenter
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Session Chair: Dipl.-Ing. (BA) Michael Schirmeier,  
livetec GmbH, Lörrach, D

1:30-1:50 p.m.	Intelligent Implants with Telemetry for Osteosynthesis	Dipl.-Ing. (BA) Michael Schirmeier & Prof. Dr. med. Klaus Seide, livetec GmbH, Lörrach, D
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