

**13<sup>th</sup> of September 2012**  
**Symposium Medical Devices in Singapore**

This year, IVAM Microtechnology Network will be on location to organize a one-day expert conference. On September 13th the symposium “Medical Technology Products – Development, Manufacturing and Processing of Materials and Components” will be held on the Medical Manufacturing Asia (12.09.-14.09.2012) in Singapore.

Registration starts: 10.00 Moderation: Heinz-Peter Hippler, IVAM Microtechnology Network

10:30	<b>Opening Remarks</b>	<b>Heinz-Peter Hippler</b> IVAM Microtechnology Network, Dortmund DE
10:40 – 11:00	FastCheckPOC - Development of a Semiquantitative Multiparameter Diagnostics Platform	<b>Dr. Lars von Olleschik</b> DST Diagnostische Systeme & Technologien GmbH, Schwerin, DE
11:00 – 11:20	Fully integrated digital light sensor technology and its potential in medical applications	<b>Dr. York Hämisch (angefragt)</b> Philips Digital Photon Counting, Aachen, DE
11:20 – 11:40	Enabling Smart Consumables for Personalized Medicine and Life Sciences	<b>Dr. Harald Kraushaar</b> Sony DADC, Salzburg, AT
11:40 – 12:00	Customized Photonic Systems for Life Science Applications	<b>Urs Schneider</b> Fisba Optik AG, St. Gallen, CH
12:00 – 12:20	Myostimulator, from the Idea to a Ready Qualified Class-3 Implant	<b>Matthias Lorenz</b> AEMTec GmbH, Berlin, DE
12:20 – 13:20	<b>Lunch-Break</b>	
13:20 – 13:40	MEMS Pressure Sensors for Medical Applications	<b>Dr. Michael Doelle</b> Silicon Microstructures, Inc., Milpitas (CA), US
13:40 – 14:00	Piezo Technology for Medical Device Manufacturers	<b>Birgit Bauer</b> PI (Physik Instrumente), Karlsruhe, DE
14:00 – 14:20	High Performance Coatings for Medical Devices	<b>Juan Gudino</b> Specialty Coating Systems, Indianapolis (IN), US
14:20 – 14:40	Biomatrices by Freeze-Drying: A Successful Approach toward Healing	<b>Martin Wieland</b> Dr. Suwelack Skin & Health Care AG, Billerbeck, DE
14:40 – 15:00	Materials to Combat Pathogens: Antimicrobial Polymers for Medical Devices & Equipment from BASF	<b>Dr. Stefan Becker</b> BASF South East Asia Pte Ltd., Singapore, SG
15:00 – 15:20	<b>Coffee Break</b>	
15:20 – 15:40	Non-Thermal Micromachining with PS-Lasers	<b>Dr. Dirk Müller</b> Lumera Laser GmbH, Kaiserslautern, DE
15:40 – 16:00	Medical Device Manufacturing Using Laser Technologies	<b>Tovy Sivan</b> Rofin STI Laser Industries, Or Akiva, IL
16:00 – 16:20	Medical Devices – Quality Management Systems – Certification Process	<b>Karin Fischenbeck</b> SGS- International Certification Services GmbH, Hamburg, DE
16:20 – 16:40	Global Advantages through German Medical Design and Usability	<b>Marc Ruta</b> WILDDESIGN GmbH & Co.KG, Gelsenkirchen, DE
16:40	<b>Closing</b>	<b>Heinz-Peter Hippler</b> IVAM Microtechnology Network, Dortmund, DE