

Monday-Tuesday, April 26-27

	Monday, April 26
16:00	Departure at Hilton Hotel, An der Buschmuehle 1, 44139 Dortmund, Germany: Bus transfer from Dortmund to Stuttgart
21:00	approximate arrival time
	Tuesday, April 27
08:45	Departure at Geno Hotel, Stuttgart, meeting point also for early morning flight arrivals
09:30	Arrival at Robert Bosch, Reutlingen, Germany
09:45	Greeting and Speech by Dr. Jiri Marek, Senior Vice President Engineering Sensors
10:15	Questions and Answers
10:30	Windows plant tour 200 mm Wafer Fab
11:30	Departure from Robert Bosch, Reutlingen to KIT, Karlsruhe
	Bus transfer from Reutlingen to Karlsruhe, packed lunch will be provided
14:00	Arrival at KIT, Karlsruhe Institute of Technology, Eggenstein-Leopoldshafen
	Introduction to IMT by Prof. Saile, Head of the Institute
14:20	Examination of IMT results
14:40	Lab Tour at IMT, electron beam writing, hot embossing machine, AFM cluster
15:20	Tour to ANKA (Angstroem Source, Karlsruhe), including LIGA facilities
16:00	Departure from KIT
	Bus transfer from Karlsruhe to Dortmund, Hilton
20:00	approximate arrival time

Wednesday, April 28

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09:00	Departure at Hilton Hotel, An der Buschmuehle 1, 44139 Dortmund, Germany: Bus transfer from Dortmund to Stuttgart
09:30	Arrival at Boehringer Ingelheim microParts
	Greeting and Introduction Speech
	Lab Tour at microParts including production of Respimat, products of industrial customers and mechanical engineering microfluidics
11:30	Departure from microParts and Transfer to MST.factory
12:00	Light Lunch
13:00	Presentations at MST.factory
	MST Cluster Dortmund, Michaela Franzes, Economic Development Agency, Dortmund MST.factory Dortmund, Dr. Thomas Richter Best practice, start-ups in Dortmund, Bernd Meyer
14:15	Walk to Raith GmbH
14:30	Presentation of Raith
	Lab Tour at Raith
16:00	Departure from Raith, Bus transfer to Hilton
16:30	Arrival at Hilton
17:00	Registration for the Micromachine Summit 2010 at Hilton
17:00	Registration
18:00	Reception

Thursday, April 29

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08:00	Welcome Roland Zengerle, German Chief Delegate Welcome Frank Bartels, IVAM Board Welcome Masahiro Katashiro for Keiichi Aoyagi, MicromachineCenter
08:15	Welcome and country report NRW, Dr. Walther Pelzer
	Session 1: Country and Region Reports, Chair: Roland Zengerle
08:30	Australia, Country and Region Report, Jason Chaffey, Ian Bates
08:45	Benelux, Country and Region Report, Albert van den Berg
09:00	Canada, Country and Region Report, Dan Gale
09:15	China, Country and Region Report, Zhaoying Zhou
09:30	European Commission, Country and Region Report, Augusto de Albuquerque
09:45	France, Country and Region Report, Chantal Khan-Malek
10:00	Coffee Break and Exhibition of Sponsors
	Session 2: Country and Region Reports, Chair: Dan Gale
11:00	Germany, Country and Region Report, Roland Zengerle
11:15	Iberian, Country and Region Report, Carles Cané
11:30	Italy, Country and Region Report, Paolo Dario
11:45	Japan, Masahiro Katashiro for Isao Shimoyama: Toward the Next Generation Micro-Nanosystems; Technology and Industry Development in Japan
12:00	Korea, Young-Ho Cho: Micro/Nano Technology in Korea
	Lunch Break and Exhibition

	Thursday, April 29
	Session 3: Country and Region Reports, Chair: Carles Cané
13:45	Nordic, Country and Region Report, Per Ohlckers
14:00	Romania, Country and Region Report, Dan Dascalu
14:15	Switzerland, Country and Region Report, Philippe Fischer
14:30	Taiwan, Country and Region Report, Weileun Fang
14:45	United Kingdom, Country and Region Report, Ron Lawes
15:00	United States, Country and Region Report, Michael Gaitan
15:15	Coffee Break and Exhibition of Sponsors / Gruppenfoto
	Session 4: Recent Advances and Forecast, Chair: Young-Ho Cho
16:00	Recent Progress of MEMS Technology at OLYMPUS, Masahiro Katashiro for Akira KUBOTA, Japan
16:15	Micro and nano systems – some aspects of smart systems integration; Thomas Geßner, Germany
16:30	To expedite time-to-production using MEMS foundry service; Jerwei Hsieh, Taiwan
16:45	Emerging Markets for Microfluidic Applications, Frédéric Breussin, France
17:00	Innovation through highly skilled workforce; Christine Neuy, Germany
17:30	Bus to Conference Dinner
18:00	Conference Dinner: Welcome Thomas Ellerkamp, City of Dortmund Welcome Dr. Volker Lessenich-Henkys, Boehringer Ingelheim microParts

Friday, April 30

	Friday, April 30
08:00	Welcome BMBF, Joachim Russ
	Session 5: Ambient Assisted Living AAL, Chair: Philippe Fischer
08:15	AAL Funding in the framework programme microsystems technology in Germany, Hartmut Strese, Germany
08:30	Intelligent Environments for Seniors: Practical Experience of a Testbed; David Holden, France
08:45	-
09:00	Standardization of Microsystems in Germany: Results of a study for the German Ministry of Science and the Relevance for Wireless AAL-Applications; Uwe Kleinkes, Germany
09:15	-
09:30	Enabling Technologies for "Ambient Assisted Living", Pietro Siciliano, Italy
09:45	Coffee Break and Exhibition of Sponsors
	Session 6: MEMS and NEMS for the Life Sciences, Chair: Weilun Fang
10:30	Microsystems for In Vitro Diagnostics & Therapy, Holger Bartos, Boehringer Ingelheim microParts, Germany
10:45	Microsystems and healthcare research at ITRI, from components to systems; Kuo-Shen Chen for Pin Chang, Taiwan
11:00	Revolutionizing Healthcare with Implantable and Wearable Microsystems: a Sampling of US Activities; Yogesh Gianchandani, USA
11:15	Movea - MEMS technology in Sport and Healthcare applications; Marc Attia, France
11:30	Microtechnology: Enabling Technology for Systems Biology; Andreas Hierlemann, Switzerland
11:45	Innovative MEMS embedded sensors: the STMicroelectronics iNemo™ platforms, Nunzio Abbate, Italy
12:00	Lunch Break and Exhibition, Chief Delegates Meeting

	Friday, April 30
	Session 7: MEMS and NEMS for the Life Sciences, Chair: Michael Gaitan
13:30	Microfabricated Detectors for Internal MRI, Richard Syms, UK
13:45	Health Impact of Engineered Metal and Metal Oxide Nanoparticles: Response, Bioimaging and Distribution; Sergio Moya, Spain
14:00	Towards milli-, micro- and nano-therapy: main challenges and enabling technologies, Paolo Dario, Italy
14:15	MEMS for diagnostics in Norway, Berit Sundby Avset, Nordic
	Session 8: Recent Advances and Forecast, Chair: Paolo Dario
14:30	MEMS/NEMS developments for the Korea-Strong Industries of Display/Memory/RF, Jun-Bo Yoon, Korea
14:45	Portable power for wireless applications and handheld instruments, Luc Fréchette, Canada
15:00	The development of input and output MEMS devices for User Interface at tMt, Vincent Lin, Taiwan
15:15	microTEC South West: German Industrial Cluster of Excellence, Roland Zengerle, Germany
15:30	Coffee Break and Exhibition of Sponsors
	Session 8: Recent Advances and Forecast, Chair: Albert van den Berg
15:45	And then there was light in Lab-on-a-Chip, Hans van den Vlekkert, Netherlands
16:00	Center of Innovation, Tsukuba Innovation Arena NMEMS; Masahiro Katashiro for Ryutaro Maeda, Japan
16:15	micro2phone: Micromachined Microphones for Photoacoustic Gas Sensors, Per Ohlckers, Christopher Grinde, Nordic
16:30	Converging Problems & Solutions: Water, Energy, Health, Food and Global Warming in the 21st Century, Steve Walsh, <u>Scott Bryant</u> , USA
16:45	Conclusions