

EXPERT LECTURES AT THE SAXONY! JOINT BOOTH, 5M-13, NANOTECH TOKYO 2016

Time	Topic	Lecturer
January 27, 2016		
Session: Welcome to Nanotech Germany - Nano in Saxony "Organic Electronics and Nano Materials for Energy and Mobility", Part 1		Session Chair: Prof. Andreas Leson, Speaker Nano in Germany
10:55 - 11:00	Nano in Germany Welcome	Prof. Andreas Leson
11:00 - 11:20	Fraunhofer Institute for Electronic Nano Systems ENAS Coating, encapsulation, and packaging technologies for smart integrated systems	Dr. Mario Baum
11:20 - 11:40	Fraunhofer Institute for Organic Electronics, Electron Beam and Plasma Technology FEP The Dimension is Tiny – Smart Nano-Coatings on Bendable, Flexible Glass	Dr. Manuela Junghähnel
11:45 - 12:00	Yamagata University Industry-Yamagata University collaboration for product development of organic electronics	Prof. Komoda
Session: Nanotechnology – Innovations made in Germany		Session Chair: Dr. Thomas R. Dietrich, IVAM Microtechnology Network, Dortmund
13:30 - 13:45	temicon GmbH Production Capabilities for Seamless Micro- and Nanostructured Sleeves	Dr. Jörg Mick
13:45 - 14:00	Niedersaechsisches Ministerium für Wirtschaft, Arbeit und Verkehr Accelerated Development of CNH-Based Innovative Materials and Application by Utilizing of Rapid Tactile Measuring Methods	Dr. Norbert Molitor
14:00 - 14:15	micro resist technology GmbH Material Innovations Enabling Advanced Micro and Nanofabrication for Lab to Fab Applications	Dr. Arne Schleunitz
14:15 - 14:30	NB GmbH nanobay.com - Empowering Purchase and Sales Worldwide	Dr. Gregor Luthe / Marie Asano, Ph.D Candidate
14:30 - 14:45	Nanoinitiative Bayern GmbH Cluster Nanotechnology - Networking and Project Business Building Bridges: Regional, National and International	Dr.-Ing. Peter Grambow
14:45 - 15:00	European Centre for Dispersion Technologies (EZD) Pilot Scale Manufacturing of Tailored Nanoparticles and Nanocomposites	Dr. Felipe Wolff-Fabris
15:00 - 15:15	Multiphoton Optics GmbH High Precision 3D Lithography Platform	Dr. Ruth Houbertz
15:15 - 15:30	Break	
15:40 - 16:00	N.N.	N.N.
16:00 - 16:20	N.N.	N.N.
16:20 - 17:00	Get together at the SAXONY! joint booth	

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January 28, 2016		
Session: Welcome to Nanotech Germany - Nano in Saxony "Organic Electronics and Nano Materials for Energy and Mobility", Part 2		Session Chair: Prof. Andreas Leson, Speaker Nano in Germany
10:40 - 10:45	Nano in Germany Welcome	Prof. Andreas Leson
10:45 - 11:05	Fraunhofer Institute for Ceramic Technologies and Systems IKTS Ceramic functional inks for high definition 3D printed electronics	Dr. Markus Eberstein
11:05 - 11:25	Fraunhofer Institute for Electronic Nano Systems ENAS Internet of Things - Trends and Tendencies	Prof. Thomas Gessner
11:25 - 11:45	Fraunhofer Institute for Material and Beam Technology IWS Nanometer scaled multilayers for high precision joining	Prof. Andreas Leson
11:45-12:05	Fraunhofer Institute for Material and Beam Technology IWS Superhard carbon coatings for an improved energy efficiency	Gregor Englberger
12:05 - 12:25	Fraunhofer Institute for Ceramic Technologies and Systems IKTS Nanoparticle synthesis and ink formulations for printing of functional films on different substrates	Dr. Nikolai Trofimenko
12:25 - 12:45	WPI-AIMR, Tohoku University / Fraunhofer Project Center for MEMS/NEMS devices Thermoelectric Performance of Thin Films Material	Dr. Mai Phuong Nguyen
12:45 - 13:20	Break	
Session: Welcome to Nanotech Germany - Nano in Saxony "Organic Electronics and Nano Materials for Energy and Mobility", Part 3		Session Chair: Dr. Dominik Gronarz, OES
13:30 - 13:50	Organic Electronics Saxony e.V. (OES) Organic Electronics in Saxony – Research Topics and Activities	Dr. Dominik Gronarz
13:50 - 14:10	VON ARDENNE GmbH Equipment solutions for R2R vacuum processing for flexible Electronics - Flexible glass, flexible OLEDs, Flash Lamp Annealing	Carsten Deus
14:10 - 14:30	DTF Technology GmbH Flash Lamp Annealing: thermal processing of flexible substrates for high-throughput production	Prof. Thoralf Gebel
14:30 - 14:50	Creaphys GmbH QUANTIpure® - Scalable Purification Technology for High Quality Small Molecular Compounds	Dr. Daniel Kasemann
14:50 - 15:10	Heliatek GmbH Organic solar films – a novel and truly urban-fit source of energy	Dr. Thomas Bickl
Session: Welcome to Nanotech Germany - Nano in Saxony "Organic Electronics and Nano Materials for Energy and Mobility", Part 4		Session Chair: Prof. Andreas Leson, Speaker Nano in Germany
15:20 - 15:40	Loser Chemie GmbH High tech and green tech products need high end recycling – examples from Saxony	Dr. Wolfram Palitzsch
15:40 - 16:00	Leibniz Institut of Polymer Research Dresden IPF Role of Nano in Rubber	Eshwaran Subramani Bhagavatheswaran
16:00 - 16:20	Leibniz Institut of Polymer Research Dresden IPF New conjugated polymers for printed electronics	Dr. Anton Kiri
16:20 - 17:00	Get together at the SAXONY! joint booth	

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Time	Topic	Lecturer
January 29, 2016		
Session: Welcome to Nanotech Germany - Nano in Saxony "Organic Electronics and Nano Materials for Energy and Mobility", Part 5		Session Chair: N.N.
10:40 - 12:30	Fraunhofer Institute for Ceramic Technologies and Systems IKTS High performance thick film pastes for AlN, Si ₃ N ₄ , and warpage free LTCC, Ceramic functional inks for high definition 3D printed electronics; From powders, inks and pastes to advanced functional elements	Dr. Markus Eberstein, Dr. Nikolai Trofimenko with translation into Japanese
12:30 - 13:20	Break	
13:30 - 13:50	Leibniz Institut of Polymer Research Dresden IPF New conjugated polymers for printed electronics	Dr. Anton Kiriy
13:50 - 14:10	Leibniz Institut of Polymer Research Dresden IPF Role of Nano in Rubber	Eshwaran Subramani Bhagavatheswaran
14:10 - 14:30	SIOD Flexible electronics as an enabling Technology	Marcin Ratajczak
14:30 - 14:50	WPI-AIMR, Tohoku University / Fraunhofer Project Center for MEMS/NEMS devices Innovative Smart Systems and Technologies	Prof. Jörg Frömel
14:50 - 15:10	Fraunhofer Institute for Material and Beam Technology IWS Superhard carbon coatings for an improved energy efficiency	Gregor Englberger
15:20 - 15:40	N.N.	N.N.
15:40 - 16:00	N.N.	N.N.
16:00 - 17:00	Get together at the SAXONY! joint booth	