



Nano in Germany

4th Germany-Japan Joint Workshop “Organic Electronics and Nano Materials for Energy” on January 25th 2016 in Tokyo

as of January 12th 2016

Organizer: Saxony Economic Development Corporation, Yamagata University
**Location: Tokyo International Forum, 5-1, Marunouchi 3-chome, Chiyoda-ku,
Tokyo 100-0005, Room G701, G 602, G 610**

13:30 together in plenum room 701

13:30 Welcome by German Embassy, Ingo Höllein

13:40 Research Center for Organic Electronics, ROEL, Yamagata University,
Prof. Shizuo Tokito

“Flexible printed electronics and its application”

14:00 Leibniz Institut IPF, Ms. Prof. Brigitte Voit

“Functional polymers and polymeric nanocomposites for optoelectronic applications”

14:20 Yamagata University, Prof. Takuya Komoda

“Introduction: Institute of Organic Materials - six centers (ROEL, INOEL, DBAT,
FROM, MIHO, GMAP) and its flagship projects”

14:40 Wolfram Design, Sebastian Wolfram

“Organic lighting - thinking real products”

15:00 Heliatek, Dr. Ralph Wichtendahl

“Organic solar films – a novel and truly urban-fit source of energy”

15:20 Coffee break

15:50-17:30 3 parallel sessions

Session 1 Equipment in room 701

15:50 VON ARDENNE, Carsten Deus

"Equipment solutions for R2R vacuum processing for flexible Electronics - Flexible glass, flexible OLEDs, Flash Lamp Annealing"

16:10 Creaphys, Dr. Daniel Kasemann

"QUANTIpure® - Scalable Purification Technology for High Quality Small Molecular Compounds"

16:30 DTF Technology GmbH, Prof. Thoralf Gebel

"Flash Lamp Annealing: thermal processing of flexible substrates for high-throughput production"

16:50 FHR Anlagenbau GmbH, Dr. Hannes Klumbies

„AVOTouch – Roll-to-roll technology avoiding front side touching“.

17:10 Dai Nippon Printing (DNP), Dr Hiromi Maeda

"Recent progress about printed electronics"

Session 2 Nano materials for energy in room 602

15:50 WPI-AIMR, Tohoku University / Fraunhofer Project Center for MEMS/NEMS devices, Dr. Mai Phuong Nguyen

"Material development for thermoelectric energy harvesting"

16:10 Loser Chemie, Dr. Wolfram Palitzsch

"High tech and green tech products need high end recycling – examples from Saxony"

16:30 Fraunhofer Institute for Material and Beam Technology IWS, Gregor Englberger

"Superhard carbon coatings for an improved energy efficiency"

16:50 Development Center for Battery Device, DBAT, Yamagata University, Prof Hideya Yoshitake

"Pilot scale innovation of battery materials and system for xEV - nano-controlled surface modification with electrolyte -"

17:10 Asaka Riken, Hiroyuki Tanabe

"Technical Expertise of Asaka Riken: Business Overview and Recent Activities"

Session 3 Printing technology in room 610

15:50 SIOD (start up of TU Chemnitz), Marcin Ratajczak

"Flexible electronics as an enabling Technology"

16:10 Fraunhofer Institute for Ceramic Technologies and Systems IKTS, Dr. Markus Eberstein

“Ceramic functional inks for high definition 3D printed electronics”

16:30 Fraunhofer Institute for Ceramic Technologies and Systems IKTS, Dr. Nikolai Trofimenko

“Nanoparticle synthesis and ink formulations for printing of functional films on different substrates”

16:50 Innovation Center for Organic Electronics, INOEL, Yamagata University, Prof. Tadahiro Furukawa

“Roll-to-Roll technologies developed in INOEL”

17:10 Nippon Electric Glass, Hiroshi Takimoto, Fraunhofer FEP, Dr. Stefan Mogck

“Flexible thin glass application - recent collaboration with Fraunhofer FEP and Yamagata University INOEL, and introduction of G-Leaf™ - Ultra Thin glass”

17:30 together in plenum room 701

17:30 Organic Electronics Saxony (oes), Dr. Dominik Gronarz

“Proposal for organic electronics collaboration between Japan and Germany”

17:40 Frontier Center for Organic Materials, FROM, Yamagata University, Prof. Junji Kido

"Recent progress on organics electronics – Smart MIRAI House, MIHO"

18:00 Closing remarks

18:00-20:30 Get together party and Poster Session at 7th floor of Tokyo Forum

Kampai by Saxony Economic Development Corporation

Including poster/exhibition (1 roll up or poster/speaker, company or institution)

Wolfram Design, Fraunhofer FEP, Leibniz IPF and others

Reserved by Yamagata University:

7F Lounge for networking party

7F G701 (200 m²)

6F G602 (144 m²)

6F G610 (144 m²)

Moderators:

Prof. Tatsuhiro Takahashi, Yamagata University

Dr. Dominik Gronarz, Organic Electronic Saxony e.V. (oes)

Prof. Andreas Leson, Board Member of oes