



The 8th Germany-Japan Joint Workshop “Flexible, Printed Electronics and Sensors” January 28th 2020 in Tokyo

Organizer: Saxony Economic Development Corporation, Organic Electronics Saxony,
Yamagata University

Location: Tokyo International Forum, 3-5-1 Marunouchi, Chiyoda-ku, Tokyo, 100-0005,
G Block 7F Room G701, 4F G402

13:30 - 15:00 Plenary Session (Room G701, 7th floor)

- 13:30 Welcome remarks by **Dr. Lothar Mennicken, Head of Science and Technology, German Embassy in Japan**
- 13:40 **Dr. Christian Körner, Organic Electronics Saxony**
"A Glimpse on Flexible Sensor Trends"
- 14:00 **Prof. FURUKAWA Hidemitsu, Yamagata University**
"Soft matter robotics - New technology from Yamagata University"
- 14:20 **Dr. Viktor Bezugly, LSI Smart Nanotubes**
"An efficient multi-gas sensing platform based on carbon nanotubes"
- 14:40 **Prof. KUMAKI Daisuke, Future Ink Corporation**
"Vital monitoring using sheet-type bed sensor"
- 15:00 Coffee Break

15:30 - 17:30 Parallel Technical Sessions

Session 1: Sensors and Measurement (Room G701, 7th floor)

- 15:30 **Toni Bärschneider, IAPP, TU Dresden**
"Towards an All-Organic Oxygen Sensor"
- 15:50 **Dr. Gerhard Domann, Fraunhofer ISC**
"Improved materials for stretchable displays and piezopolymer based printed sensors"
- 16:10 **Tobias Müller, Creavac GmbH**
"PVD coatings for sensoric applications"
- 16:30 Break
- 16:35 **HAMAJIMA Masahiko, SEMI Japan**
"Semiconductor Industry and FloT Coming to a New Growing Stage"
- 16:55 **UEHIGASHI Atsushi, MORESCO Corporation**
"Gas-Barrier-Property Measuring System for Flexible Electronics with High Accuracy in a Short Time"
- 17:15 **OYAMA Chisato, Komori Corporation**
"Applicable mounting technology for printed traces"

Session 2: Flexible Materials and Electronics (Room G402, 4th floor)

- 15:30 **YAMANE Noriyasu, Mitsubishi Chemical Corporation**
"Development of flexible epoxy film with high thermal stability"
- 15:50 **Dr. MATAKI Hiroshi, Taica Corporation**
"Silicone-gel-based Optical Clear Adhesive for FPDs"
- 16:10 **Dr. Chi-Chang Liao, Iris Optronics Co., Ltd.**
"Color Cholesteric EPD and Innovative Applications"
- 16:30 Break
- 16:35 **Dr. Jacqueline Hauptmann, Fraunhofer FEP**
"Large area semitransparent OLED lighting on ultra-thin glass"
- 16:55 **Prof. Andreas Leson, Fraunhofer IWS**
"Hermetic joining of MEMS – based devices using reactive multilayer systems (RMS)"
- 17:15 **Wolfram Palitzsch, LuxChemtech**
"Trends and opportunities for the recycling of post consumer high tech products"
- 17:35 Break

17:40 Key Note Lecture (Room G701, 7th floor)

- 17:40 **Prof. KIDO Junji, Frontier Center for Organic Materials FROM, Yamagata University**
"OLED Activities in Yamagata"
- 18:00 Closing remarks

18:00 - 20:00 Get together party and Poster Session at 7th floor Lounge

Kampai by **OGI Kurando, Representative, Saxony Economic Development Corporation in Japan**

Moderators:

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

Prof. Tatsuhiro Takahashi, INOEL, Yamagata University