



INOEL

Yamagata University
Innovation Center for Organic Electronics

OES
Organic Electronics Saxony



Nano in Germany

The 6th Germany-Japan Joint Workshop “Flexible, Printed, and Organic Electronics” on February 13th 2018 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, Room G701, G405

13:30 Plenary Session (Room G701)

13:30 Welcome by *Mr. Martin Kölling*, East Asia Correspondent of the Handelsblatt – The German financial daily

13:40 Innovation Center for Organic Electronics INOEL, Yamagata University,
Prof. Shinri Sakai

"Inkjet Printing Technology in Organic LED and Printed Electronics"

14:00 Innovation Center for Organic Electronics INOEL, Yamagata University,
Prof. Tadahiro Furukawa

"Yamagata University Flexible Electronics Japan-Germany International Collaborative Practical Utilization Consortium (YU-FIC)"

14:20 Loser Holding GmbH, *Dr. Wolfram Palitzsch*

"Targets, Thin Films and Circular Economy"

14:40 CONTRONIX, *Christoph Gommel*

"Fast is the new normal - How development speed keeps you globally competitive"

15:00 Coffee break

15:30 - 17:30 Parallel Technical Sessions

Session 1: Key Substrate technologies for Roll-to-Roll process (Room G701)

15:30 FHR Anlagenbau GmbH, *Dr. Hannes Klumbies*

"Compact Co-Sputtering Equipment for R&D"

- 15:50 KEIHIN RAMTECH CO., LTD., *Naruhito Matsumoto*
"The characteristics of our new low damage sputtering cathode and its results of TCO"
- 16:10 TEIJIN LIMITED, *Haruhiko Itoh*
"Plastic films for electronics"
- 16:30 Nippon Electric Glass Col, Ltd., *Hiroshi Takimoto*
"Development of Long Rolled Ultra-thin Glass and Its Mass Production Technology"
- 16:50 Fraunhofer Institute for Material and Beam Technology IWS, *Erik Pflug*
"Reactive multilayer systems - a new way for precise and gentle joining"
- 17:10 Fraunhofer Institute for Organic Electronics, Electron Beam and Plasma Technology FEP, *Dr. Jacqueline Hauptmann*
"Flexible OLED devices on different type of substrates and perspectives of Roll-to-Roll fabrication"

Session 2: Conformable Electronics and its key related technologies (Room G405)

- 15:30 Life Science Inkubator GmbH, *Dr. Viktor Bezugly*
"Semiconducting carbon nanotubes and their application in novel sensors and computer chips"
- 15:50 Fraunhofer Institute for Reliability and Microintegration IZM, *Christine Kallmayer*
"Stretchable and Conformable Electronics"
- 16:10 SERIA ENGINEERING INC., *Takeshi Ueno*
"Introduction of SERIA's latest printed electronics technology"
- 16:30 TOKYO PROCESS SERVICE CO., LTD., *Yoshitaka Ota*
"Next Technology for Screen Mask and Photo Mask"
- 16:50 Fujikura Kasei Co., Ltd., *David Dewey*
"Conductive Paste "DOTITE" for Printed Electronics"
- 17:10 Fraunhofer Institute for Ceramic Technologies and Systems IKTS, *Dr. rer. Nat. Nikolai Trofimenko*
"Metal nanoinks for inkjet printed interconnects on flexible substrates"
- 17:30 Break

17:40 Key Note Lecture (Room G701)

17:40 Frontier Center for Organic Materials FROM, Yamagata University, *Prof. Junji Kido*
"OLED activities in Yamagata"

18:00 Closing remarks

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

Kampai by Saxony Economic Development Corporation (WFS)

Moderators:

Prof. Tatsuhiro Takahashi, Yamagata University

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