

The 9th Germany-Japan Joint Workshop “Flexible, Printed Electronics and Sensors”

February 26th 2021

German time 08:30-11:30, Japanese time 16:30-19:30

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

Venue: Online Virtual Workshop

Keynote Session 08:30 – 09:30 CET / 16:30 – 17:30 JST

08:30 CET/16:30 JST Welcome remarks by **Thomas Horn, Managing Director Saxony Economic Development Corporation**

08:35 CET/16:35 JST Guest greetings by **Dr. Lothar Mennicken, Counsellor for Science and Technology, Embassy of the Federal Republic of Germany Tokyo**



08:40 CET/16:40 JST

Prof. Karl Leo

Dresden Integrated Center for Applied Physics and Photonic Materials (IAPP) -
Technische Universität Dresden

“Organic Sensors and Transistor for Novel Applications”



09:05 CET/17:05 JST

Prof. Junji KIDO

Frontier Center for Organic Materials (FROM) - Yamagata University

“OLEDs in COI Project”

Parallel Sessions 09:30-10:30 CET / 17:30-18:30 JST

Japan Session

- 09:30 CET / 17:30 JST
Junichi YANO, MORESCO Corporation
“Flexible OPV Wet process”
- 09:45 CET / 17:45 JST
Yuki WAKIYAMA, Nishimu Electronics Industries CO., LTD. *“Agricultural IT Sensor “MIHARAS” That Solves Agricultural Problems”*
- 10:00 CET / 18:00 JST
Kosuke TOMITA, Toshiyuki OHNO, NEXVISION TECHNOLOGIES, *“Startup Opportunities in Mobility Sector”*
- 10:15 CET / 18:15 JST
Hideaki DAIKO, Toshiba Electronic Devices & Storage Corporation, *“Global rapid growth market and expectations for new devices”*

Germany Session

- 09:30 CET / 17:30 JST
Dr. Konstantin Livanov, ORELTECH GmbH, *“Plasma metallization: the future of printed electronics”*
- 09:45 CET / 17:45 JST
Dr. Florian Ullrich, InnovationLabs, *“Digitalization of dentalcare with our printed organic sensors”*
- 10:00 CET / 18:00 JST
Sebastian Gepp, Freudenberg Industrie Siebdruck GmbH, *“Applications utilizing Flexible Electronics and Screen Printing”*
- 10:15 CET / 18:15 JST
Dr. Michael Wöltje, ITM – TU Dresden, *“Textile sensor structures and resorbable substrates for medical device development”*

Poster Sessions & Networking 10:30 – 11:30 CET / 18:30 – 19:30 JST

10:30 CET/18:30 JST **Dr. Dominik Gronarz, OES**, Introduction in Poster Session “Joint Japanese-German Collaboration”

10:35 CET/18:35 JST Explanation of Breakout Sessions

10:40 CET/18:40 JST 1st round of Poster Session – 20 min

R1-01. **Prof. Karl Leo, IAPP TU Dresden** (*Q&A with Keynote speaker*)

R1-02. **Sebastian Gepp, Freudenberg Industrie Siebdruck GmbH**
(*Q&A with German Session speaker*)

R1-03. **Dr. Florian Ullrich, InnovationLab** (*Q&A with German Session speaker*)

R1-04. **Kosuke TOMITA, Toshiyuki OHNO, NEXVISION TECHNOLOGIES**
(*Q&A with Japan Session speaker*)

R1-05. **Junichi YANO, MORESCO Corporation** (*Q&A with Japan Session speaker*)

R1-06. **Adenso, Maria Esche**, “*Roll-to-Roll solutions for flexible electronics - free form electronics and ultrathin glass sensors*”

R1-07. **EMBEGA S. Coop., Iñaki Braco**, “*EMBEGA Functional Screen Printing Expertise*”

R1-08. **Heliatek, Dr. Karsten Walzer**, “*Large Area Organic Lighting Applications (LAOLA) on flexible ultra-thin glass*”

R1-09. **Fraunhofer IWS, Dr. Wulf Grählert**, “*Accelerated Barrier Measurement*”

R1-10. **IMAZ Technology Innovation, Dr. Maziar Ahmadi**, “*SmartGlove Optimal health monitoring system*”

R1-11. **Fujikura Kasei Co., Ltd. David Dewey**, “*DOTITE Stretchable Pastes - Challenges and Evolution*”

R1-12. **General Co., Ltd., Masaru YAMASHITA**, “*Further possibility of RFID - Introduction of Bolt & Screw RFID tags*”

R1-13. **Yamagata University, Prof. Takeshi SANO**, “*Semitransparent and multicolor organic solar cells*”

R1-14. **Saxony Economic Development Corporation "Networking Room", Kurando OGI**, “*The favorite European technology trade hub*”

R1-15. **ELANTAS, Mark Abendroth**, “*New Developments of ELANTAS in the field of conductive and insulation inks*”

11:00 CET/19:00 JST 5 min Break

11:05 CET/19:05 JST 2nd round of Poster Session – 20 min

R2-01. **Prof. Junji KIDO, FROM Yamagata University** (*Q&A with Keynote speaker*)

R2-02. **Hideaki DAIKO, Toshiba Electronic Devices & Storage Corporation**
(*Q&A with Japan Session speaker*)

R2-03. **Yuki WAKIYAMA, Nishimu Electronics Industries Co., Ltd.**
(*Q&A with Japan Session speaker*)

R2-04. **Dr. Michael Wöltje, ITM TU Dresden** (*Q&A with German Session speaker*)

R2-05. **Dr. Konstantin Livanov, OrelTech**, “*OrelTech - Advanced metallization technology*”

- R2-06. **mitsubishi chemical corporation, Iodi DOI**, *“Development of Flexible and Stretchable Epoxy Films for Printed Electronics Applications”*
- R2-07. **Yamagata University YU-FIC, Prof. Tadahiro FUFUKAWA**, *“Introduction of YU-FIC Consortium based on printing and roll-to-roll technologies”*
- R2-08. **Inuru GmbH, Marcin Ratajczak**, *“Easy integrable smart packaging and labels made with printed electronics”*
- R2-09. **Kurt-Schwabe-Institut for Measuring and Sensor Technology Meinsberg e.V., Dr. Caroline Murawski**, *“Towards interfacing the brain with flexible organic LEDs”*
- R2-10. **Kyushu University and OPERA SOLUTIONS Inc., Dr. Kentaro HARADA**, *“The art of prototyping - OPERA SOLUTIONS Inc.”*
- R2-11. **NAITEC, Dr. Rakel Herrero**, *“NAITEC EXPERIENCE IN PRINTED ELECTRONICS”*
- R2-12. **Organic Electronics Saony, Jitka Barm**, *“NE4Health project overview”*
- R2-13. **Saxony Economic Development Corporation, Armin Reith**, *“Saxony as a world leading Microelectronics and ICT location”*
- R2-14. **Umi-Hotaru, Claudio Flores**, *“Umi-Hotaru: Bio-inspired OLED”*
- R2-15. **microfluidic ChipShop, Dr. Holger Becker**, *“High resolution, low cost electrodes in microfluidics - an unsolved problem”*

11:25 CET/19:25 JST Conclusion (Dr. Gronarz and Prof. Takahashi) (including photo chance)

11:30 CET/19:30 JST End of Symposium

Moderators:

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

Prof. Tatsuhiro Takahashi, Yamagata University

Language: English

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