

***Flexible and Printed Electronics:
Materials, Production, and Applications***
presented by OE A at ICFPE 2025, Tokyo, Japan



Date Wednesday, September 17, 2025
Time 13:00 – 17:10 h

Session Chair: Dr. Klaus Hecker, Managing Director, OE-A

Agenda (preliminary)

- 13:00 h Flexible and printed electronics enabling innovation and industrialization**
Dr. Klaus Hecker, Managing Director, OE-A (DE)
- 13:20 h 3D Kirigami lighting enable by 2D printed electronics**
Hylke Akkerman, Program Manager, Senior Scientist, Holst Centre / TNO (NL)
- 13:40 h Organic photovoltaic cells and modules for harvesting indoor light to power IoT devices – upscaling and long-term stability**
Sadok Ben Dkhil, CTO, Dracula Technologies (FR)
- 14:00 h Electroactive polymers for flexible and printable innovative sensors and actuators**
Tong Huang, Business Development Engineer, Arkema Piezotech (JP)
- 14:20 h Fully printable biosensors enabled by biofunctionalized 2D-material-based inks**
Sina Azad, Scientist, Empa (CH)
- 14:40 h Empowering Scalable Innovation in Functional Surfaces**
Fabien Resweber, Business Developer, Armor Smart Films (FR)
- 15:00 h Coffee Break**
- 15:10 h Advanced screen-printing process for functional textiles**
Paul Brook, Business Development, Interlink Electronics (US)
- 15:30 h Additive manufacturing platform for freeform 3D microelectronics and packaging**
Dr. Darragh Walsh, Research Engineer, Holst Centre/TNO (NL)

- 15:50 h Scaling up organic photovoltaics: The path to industrial mass production of integrated PVs in buildings & agriculture**
Prof. Stergios Logothetidis, Founder & President, OET (GR)
- 16:10 h Expanding the boundaries of printed electronics for volume manufacturing of PCB-replacements**
Dr. Ashok Sridhar, CEO, TracXon (NL)
- 16:30 h Why reliability is a crucial element to scale printed flexible electronics products**
Wolfgang Mildner, CEO, MSW Tech (DE)
- 16:50 h Next-gen in-line metrology & quality control for reliable fabrication of defect-free flexible organic & printed electronics**
Prof. Argiris Laskarakis, Assoc. Professor, Head of Organic Electronics Group, Nanotechnology Lab LTFN & COPE-Nano Center of Excellence (GR)
- 17:10 h End of Session**

ICFPE Keynote by OE-A Chair Dr. Alain Schumacher, IEE S.A.

Date Thursday, September 18, 2025
Time 10:00 – 10:50 h

Software defined functions – Opportunities for Printed Electronics

Dr. Alain Schumacher, CTO, IEE S.A.