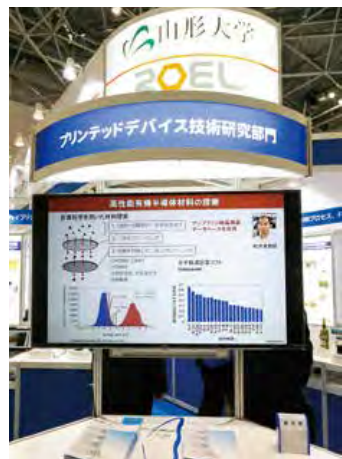


JFlex Award Grand Prize

Yamagata University ROEL Printed Device Technology Research Division



Yamagata University ROEL Printed Device Technology Research Division announced their development results for a range of printed electronics, including novel sensors made of printed organic transistors and FHE integrated devices. They were awarded for their significant progress in achieving soft interfaces that connect people and information in an unassuming manner.



Award for Materials
Mitsubishi Chemical

Award for Processes
Yamagata University Innovation Center for Organic Electronics (INOEL)

Award for Devices
aba

Award for Instrumentation and Analysis
YUASA SYSTEM

Special Mention Award
SEIKO EPSON



2nd JFlex Award

Grand Prize

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Award for Materials

Mitsubishi Chemical

Mitsubishi Chemical exhibited an epoxy film that achieves an extremely high elasticity of around 300%. Also having good thermal and electrical properties, the concept was awarded for greatly improving the feasibility of stretchable and flexible devices.

Award for Processes

Yamagata University Innovation Center for Organic Electronics (INOEL)

Yamagata University Innovation Center for Organic Electronics (INOEL) exhibited an advanced roll-to-roll technology, printed organic thin-film solar cells, and a 3D molding technology that integrates electrodes. They were awarded for their realistic process technologies, which are expected to be applied to next-generation flexible devices.

Award for Devices

aba

aba exhibited a continence care system equipped with an odor sensor capable of detecting the type of excrement. This technology was awarded for holding the potential to drive a revolution in nursing care and to be applied in a wide range of other fields.

Award for Instrumentation and Analysis

YUASA SYSTEM

YUASA SYSTEM exhibited a bending durability test system equipped with a function that analyzes the curvature of substrates. This technology was awarded for its revolutionary ability to "visualize" stress during substrate bending.

Special Mention Award

SEIKO EPSON

SEIKO EPSON's exhibition included a demonstration of a 3D printing technology that enables printing on three-dimensional objects. This technology was awarded for expanding the potential of digital and on-demand printing technologies, which are expected to see greater demand in the future.

