

April 25, 2016
 Mitsui Chemicals, Inc.

Mitsui Chemicals Awarded “Prize for Science and Technology”

-Piezoelectric Film Sensor Receives High Marks from
 Minister of Education, Culture, Sports, Science and Technology-

Mitsui Chemicals, Inc. (Tokyo: 4183; President & CEO: Tsutomu Tannowa) was received the Minister of Education, Culture, Sports, Science and Technology’s “Prize for Science and Technology” for fiscal 2016 at an awards ceremony at the Ministry of Education, Culture, Sports, Science and Technology on April 20th.

Outline of Award

Name	Commendation for Science and Technology by the Minister of Education, Culture, Sports, Science and Technology “Prize for Science and Technology”
Technology	Development of intuitive operable human-machine interfaces
Awardees	Yoshiro Tajitsu, Professor at Faculty of Engineering Science, Kansai University
	Masamichi Andoh, General Manager Hideki Kawamura, Senior Researcher , Organic Film Devices Business Department, Business Incubation Center at Murata Manufacturing Co., Ltd.
	Mitsunobu Yoshida, Researcher at Functional Materials Laboratory, Mitsui Chemicals, Inc.

The award was presented for a newly developed transparent and flexible film sensor which can convert voltages with high sensitivity. Film of sensor is made of polylactic acid (PLA).

Development of the new sensor using piezoelectric film is a collaborative effort of Mitsui Chemicals, Kansai University, and Murata Manufacturing Co., Ltd. Under the guidance of Kansai University, Mitsui Chemicals developed the piezoelectric film and Murata Manufacturing developed a sensor using the piezoelectric film.



The new sensor is already in use as pressure detectors in touch panels. Wide future uses in wearables and IoT applications, in addition to next generation intuitive operable human-machine interfaces (methods and appliances mediating information transmission between humans and machines), are expected.



From right:
 Mitsunobu Yoshida (Mitsui Chemicals)
 Yoshiro Tajitsu (Kansai University)
 Masamichi Andoh (Murata Manufacturing)
 Hideki Kawamura (Murata Manufacturing)



Shiodome City Center 1-5-2, Higashi-Shimbashi, Minato-ku, Tokyo 105-7122, Japan
<http://group.mitsuichemicals.com>

NEWS RELEASE

MITSUI CHEMICALS, INC.

The Prize for Science and Technology (technological development) is presented to individuals, groups, and companies that have made a significant impact and achieved remarkable results or that have promoted the understanding of science and technology to bolster interest in and engagement with science and technology to contribute to enhancing the level of science and technology in Japan. The award for technological development especially focuses on persons in research & development or who have invented groundbreaking applications which will contribute to Japan's social economy and improve the quality of life.

【Minister of Education, Culture, Sports, Science and Technology “Prize for Science and Technology”】
http://www.mext.go.jp/b_menu/houdou/28/04/1369460.htm