

Secretariat of Converting Technology Exhibition & 3D Printing

January 18, 2018

**Curved surface modeling, complex modeling, surface treatment, and more!
Explore the 3D Manufacturing technologies changing the world at
3Decotech Expo and 3D Printing 2018!**

TOKYO-- "[3Decotech Expo](#)" and "[3D Printing](#)," international exhibitions focusing on the latest in cutting-edge manufacturing technology, will be held concurrently at the Tokyo Big Sight from Wednesday 14 till Friday 16 February, 2018.

The world of manufacturing is undergoing a never-before-seen revolution in product development and production processes. Increasing fragmentation and demand for personalization are leading manufacturers to seek inexpensive and speedy development, right from the prototyping stage.

At "**3Decotech Expo**", the exhibition for manufacturing visual, material, and tactile surface coatings, exhibitors will be demonstrating research and products utilizing advanced film and plating surface technology. "**3D Printing**" focuses on additive manufacturing and 3D printing solutions, ranging from real-world use cases of existing tech (such as molds and dies) to all-new development processes, products, and technologies.

3Decotech Expo

Seminars Date: February 16 (Fri.) / Venue: East Hall 3 [Click here for details](#)

New approach of tactile design based on perception mechanisms - From evaluation to design

Yoshihiro Tanaka, Nagoya Institute of Technology

World's First! Modeling by electromagnetic wave irradiation / decorative technology

Hideaki Terada, Executive Officer, Digital Art Division, CASIO COMPUTER CO., LTD.

~Realize a beautiful metallic brilliance by injection molding~ Proposal of high-gloss pre-colored plastic with metallic appearance "NANOCON®"

Masanori Takahashi, Chief, Engineering Plastics Sales Department(TOKYO) Plastics Division, UNITIKA LTD.

New Exhibitors

[Wavelock Advanced Technology](#) - Metallic Decorative Film [Booth No. 3T-07]

Metallic Decorative Film is well formable plastic film which has radio transmittance function, composing of PMMA, Metalized PET and ABS etc. Its aspect can be various by adding color pigment into adhesive layer, and also can let the light pass through by using translucent raw material.

FCM - 100% metal decorative product [3Y-13]

We can represent the burnished of genuine metal, which is completely different from "Metal style" and "Metal like", and not be materialized with die-cutting or foil-stamping, by super high definition line.

3D Printing

Seminars Date: February 15 (Thu.) / Venue: East Hall 6 [Click here for details](#)

3D Printing technology trend toward to real parts manufacturing

Hideaki Oba, Researcher, Japan 3D Printing Industrial Technology Association

3D Shape Scanning with Industrial X-rays CT and Its applications to 3D Printing

Hiromasa Suzuki, Professor, Dept. of Precision Engineering, School of Engineering,
The University of Tokyo

Micro-CT Inspects the Structural Integrity of Additive Layer Manufactured Parts

Satoshi Kazama, Business Unit,

Product Planning Section, Business Planning Department, Industrial Metrology, Nikon

Related Exhibitors**OSAKA GAS LIQUID** - Cryogenic Grinding Consignment Business [Booth No. 6P-23]

We undertake cryogenic grinding of various resins with liquid nitrogen.

We cooperate in various fields such as 3D printers and carbon fiber composite materials.

Please consider grinding your resin on this occasion.

MIMAKI ENGINEERING - 3DUJ-553/full color of over 10 million colors [Booth No. 6T-23]

It is possible to express colorful beautiful colors with full color of over 10 million colors. By laminating the UV curing ink of each color by the inkjet method, it realized brilliant full color expression with high color development. Transparent expression by clear ink mounting is also possible.

Visitor Registration

3Decotech Expo 2018: <http://converttechexpo.com/en/>

3D Printing 2018: http://www.3dprintingexpo.jp/index_en.html

Dates: February 14 (Wed.) - 16 (Fri.), 2018 Venue: Tokyo Big Sight East Hall

Contact

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3Decotech Expo 2018

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3D Printing 2018

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