



NEWS RELEASE

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JIMTOF 2024 (The 32nd Japan International Machine Tool Fair) Admission registration will begin on Monday, September 2, 2024 Announces the Programs of the Keynote Speech, Lectures and Seminars

-A variety of parallel events will be held to introduce the world of manufacturing from various angles, and newly opened “Academic Area” to connect students who will lead the next generation with the manufacturing industry -

August 28, 2024 – JIMTOF 2024 (The 32nd Japan International Machine Tool Fair), one of the largest machine tool exhibitions in the world, organized by the Japan Machine Tool Builders’ Association and Tokyo Big Sight Inc., will be held at Tokyo Big Sight for six days from November 5 (Tue.) to November 10 (Sun.), 2024. JIMTOF 2024 will be held at the entire Tokyo Big Sight, with a total exhibition area of 118,540 m².

Pre-registration for admission will begin at 10:00 a.m. on September 2 (Mon.). At this year's JIMTOF 2024, a new “Academic Area” will be opened in South Hall 4 for a wide range of students, regardless of whether they are arts or science. It will provide an opportunity for direct communication between students interested in the manufacturing industry and exhibitors. In addition, a special parallel exhibition, “Additive Manufacturing Area in JIMTOF 2024,” will be held on the 1st floor of the South Exhibition Hall.

1. Pre- Registration for Admission

Admission registration will begin on Monday, September 2, 2024 through the Official Website (www.jimtof.org).

The main program of the lectures, seminars, talk sessions, and exhibits held during the Fair is as follows:

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2. Academic Area

JIMTOF 2024 will open a new “Academic Area” for students in South Hall 4. By connecting exhibitors with the students who will lead the next generation of the manufacturing industry, The Area will provide them with information that will be useful for their future career choices and job-hunting activities while encouraging their interest in the world of manufacturing. In addition, a variety of projects such as exhibitions and stage events will be held to provide hands-on content that will deepen their knowledge of the machine tool industry while they have fun.

3. Keynote Speech and Special Lectures

On November 5 (Tue.), the first day of JIMTOF 2024, Mr. Akihiro Teramachi, Chairman and CEO of THK Co., Ltd, and Mr. Shiro Nakamura, President of SN Design Platform, will deliver keynote speeches under the title “Bringing your dreams to manufacturing! THK's pursuit of new-concept of EV” Also, Mr. Mitsuru Kawai, Executive Fellow, Toyota Motor Corporation, Mr. Teruyuki Iwasaka, Executive Officer, ICI Center, Maeda Corporation, and Ms. Akiko Otsuka, Executive Director, Space Women, Gender Equality Committee, Japan Rocket Association

4. Additive Manufacturing Area in JIMTOF 2024

As a special parallel exhibition of JIMTOF 2024, “Additive Manufacturing Area in JIMTOF 2024” will be held on the 1st floor of the South Exhibition Hall, where AM/3D printing related products and technologies will gather. In the organizer's seminar hall, various seminars on AM/3D printing will be held on a daily basis. In addition, exhibitor workshops and organizer’s exhibits will be held.

5. YouTube Channel “JIMTOF INSIGHTS”

JIMTOF has launched a YouTube channel “JIMTOF INSIGHTS” (<https://www.youtube.com/@JIMTOF-INSIGHTS>), which covers a wide range of topics related to the machine tool industry and other manufacturing-related topics. In addition to attracting visitors to JIMTOF, “JIMTOF INSIGHTS” aims to raise awareness of JIMTOF among students, who will lead the next generation of the manufacturing industry. During JIMTOF 2024, a project linked to the video content will be held on the multi-purpose stage in the newly opened Academic Area in South Hall 4.

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Note to Editors:

<About JIMTOF >

A machine tool specialized exhibition, JIMTOF is regarded as one of the largest international technology exhibitions in the world, which introduces machine tools and their surrounding machines as a whole range exhibition for manufacturing companies and institutions. In JIMTOF 2024 (The 32nd Japan International Machine Tool Fair), products of a variety of industries including Metal Cutting Machine Tools, Metal Forming Machine Tools, Machine tool accessories, Tools for machines (cutting tool & wear-resistant tool), Diamond and CBN Tools, Grinding wheels and abrasives, Gears and Gear Devices, Oil hydraulic, pneumatic and Water hydraulic machinery, Precision measuring machines and instruments, Optical measuring instruments, Testing machinery and CAD/CAM, among others, will be exhibited, and the latest information of products and technologies will be shown to the visitors. JIMTOF has an established reputation as an exhibition where visitors can obtain the latest information on a variety of products used in the manufacturing industry.

* JIMTOF 2024: November 5 (Tue.) , 2024 ~ November 10 (Sun.), 2024.

**JIMTOF 2024 The 32nd Japan International Machine Tool Fair
Outline of Lectures and Seminars**

Lectures	<p>Key Note Speech</p> <p>November 5 (Tue.)</p> <p>International Conference Room, Conference Tower 7F</p>	<p>“Bring your dreams to manufacturing! THK’s pursuit of a new-concept EV”</p> <p>TERAMACHI Akihiro Chairman/CEO THK CO., LTD. NAKAMURA Shiro President SN Design Platform</p> <p>THK was the first company in the world to develop the LM Guide, which is a critical element of machine tools. As a result of honing this technology alongside our ball screw expertise, we were able to unveil our original EV prototype that features the latest in EV technology, the LSR-05, at JMS 2023. In this talk, SNDP’s Shiro Nakamura (formerly from Nissan) and I will discuss the path that led us to today as well as the road ahead.</p>
	<p>Special Lecture</p> <p>November 6 (Wed.)</p> <p>Reception Hall Conference Tower 1F</p>	<p>“Monozukuri manufacturing is about Developing People”</p> <p>KAWAI Mitsuru Executive Fellow TOYOTA MOTOR CORPORATION</p> <p>Manufacturing is facing a turbulent era with CN and digital transformation on the horizon. Hence, we always value "honing people for the coming era". With our “Genba First” mindset, based on our experiences by always being present on-site, We will give you presentation about value for honing people.</p>
	<p>Special Lecture</p> <p>November 8(Fri.)</p> <p>International Conference Room, Conference Tower 7F</p>	<p>“Cross-Industry Collaboration in Action: Exploring Open Innovation Management with JSOL at Maeda Corporation Fantasy Marketing Department”</p> <p>IWASAKA Teruyuki Executive Officer/Visiting Professor Maeda Corporation/Department of Transportation Systems Engineering, College of Science and Technology, Nihon University ODA Hodaka Section Manager JSOL Corporation/Engineering Technology Div. AMANO Shinichi JSOL Corporation/Engineering Technology Div.</p> <p>The Maeda Corporation Fantasy Marketing Department began in 2003 as a cross-industry co-creation public relations activity and achieved success by being adapted into stage plays and movies. Together with JSOL employees, we will discuss the management methods and idea generation techniques that create something from nothing as concrete examples of co-creation.</p>

	<p>Special Lecture</p> <p>November 10(Sun.)</p> <p>Reception Hall Conference Tower 1F</p>	<p>“Development of Space Robots” OTSUKA Akiko Senior Manager JAXA, Human Spaceflight Technology Center</p> <p>With expansion of the space exploration, the robot application, "Service Robot in Space"(SRS), providing service becomes popular to a human in space. Several JAXA space robot systems will be presented and the attendees will understand the process how to manufacture the complicated systems.</p> <p>“Daily Life of Women in STEM” OTSUKA Akiko Senior Manager JAXA, Human Spaceflight Technology Center ISHIHARA Sakiko Manager IHI Corporation, Aero-Engine, Space & Defense Business area, Rocket Development Department IWASAWA Aria Guidance Navigation Control Engineer Astroscale TAKAHASHI Akiyo Associate Professor Nihon University, College of Science and Technology, Department of Aerospace Engineering BANNO Ayana Associate Professor Yamaguchi University, Department of Mechanical Engineering, Graduate School of Sciences and Engineering for Innovation FUKUNAGA Mihoko General Manager IHI AEROSPACE Co., Ltd., Corporate Planning Department, Business Development Group</p> <p>Through the panel discussion among women in STEM (engineer in private company, researcher in university and/or engineer in research organization), attendees can catch the clue to enter the manufacturing world.</p>
	<p>Special Exhibit</p> <p>South Hall 4, South Exhibition Hall</p>	<p>Machine Tool Infinity∞</p> <p>～Welcome to the world of machine tools that opens up infinite possibilities～</p> <p>In collaboration with the "Academic Area," this year's exhibition will feature a wide range of hands-on content that will allow visitors to deepen their knowledge of the machine tool industry and experience firsthand the possibilities of the industry while having fun.</p> <p>Examples of exhibits and hands-on content (tentative)</p> <p>“Work Machines x Future Mobility”, “Work Machines x Safety” Original EV prototype "LSR-04" and seismic isolation experience vehicle *Cooperation: THK CO., LTD.</p> <p>“Machine Tool x Move.” Machining experience with a general-purpose lathe *Cooperation: Tokyo Metropolitan Vocational Skills Development Center</p> <p>CAM Programming Experience *Cooperation: Matsuura Machinery Corporation</p> <p>“Machine Tools x The Real Downtown Rocket” Monozukuri Z -The Untold Story of a Project Born of a Firm Will and Flexible Ideas *Cooperation: YUKI Precision Co., Ltd.</p>

IMEC2024 (The 20th International Machine Tool Engineers' Conference)	Oral Session November 7(Thu.) 12:30~18:00 November 8(Fri.) 13:00~18:00 Reception Hall A, Conference Tower 1F	Overall theme “Manufacturing technology to create future societies” Various speakers from Japan an overseas give the speeches on the latest technology trends in four sessions, “Challenges and the future of manufacturing towards a sustainable society”, “Digital technology changing the future of manufacturing industries”, “Continuously evolving automation technology”, “Machining technologies for new value creation”.
	Poster Session November 5(Tue.) ~ November 10(Sun.) South Hall 4, South Exhibition Hall	“Poster session” is held in the South Hall 4 to present the results of research related to machine tools by universities and research institutes in Japan and overseas by poster format. *Personnel who give exhibitions from participating organizations are scheduled to be present from 9:00 to 12:00 on November 7(Thu.), 8(Fri.) and 9(Sat.)
	Seminars for students November 9(Sat.) 12:30~15:30 International Conference Room, Conference Tower 7F *A networking event with companies will be held after the seminar	“Top Seminar by Machine Tool Manufacturers for Students” The importance and appeal of machine tools, which are at the cutting edge of manufacturing, and the beauty of working in the machine tool industry will be introduced in an easy-to-understand manner by the managers and young engineers of machine tool manufacturers.