



TCT Japan 2024 Show Report

JTB Communication Design, Inc. / TCT Japan

April. 2024

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TCT Japan 2024



Highlights

TCT Japan 2024 Overview



TCT Japan 2024 -The Event for 3D Printing and Additive Manufacturing Intelligence-

Date : January 31st (Wed.) ~ February 2nd (Fri.), 2024

Venue : Tokyo Big Sight (East Hall) & Online

Date	Weather	Number of Visitors
January 31 st (Wed.)		12,605
February 1 st (Thu.)		13,793
February 2 nd (Fri.)		15,636
For 3 days		42,034

*total numbers of the concurrent exhibitions

Concurrent exhibitions



Number of Exhibitors



108

Number of Booths



166

Number of Participants



52,351

*total numbers of the concurrent exhibitions
*Including participants online

Conferences/Seminars



42

*Including Introducing Stage

Exhibitor List

Company	Booth Number	Company	Booth Number	Company	Booth Number
AICHI SANGYO	3U-11	Kyoei Sangyo	3X-11	Rigaku Corporation	3A-09
APPLE TREE	3C-11	J-3D		RIM	3C-11
ARKEMA	3BB-08	JBM Engineering Corporation		S.lab	3C-14
AS ONE	3R-06	Osaka Yakin Kogyo		SAKURA innovation	3J-01
ASTM International	3BB-09	NIDEC MACHINE TOOL CORPORATION		SAKURAI	3C-06
Brule	3G-01	ODEC		SANPO PUBLICATIONS,INC	3M-07
CASTEM	3U-04	MURATANI MACHINE MANUFACTURE		Sanwa Dental	3A-06
Corefront	3A-08	APPLIED TECHNOLOGY		SANYO SPECIAL STEEL	3T-09
CT CoreTechnologie Asia	3P-01	AUTODESK		SeaForce	3A-12
Cubicure GmbH	3M-06	Fuji-koushuha		Selcam	3X-06
FASOTEC	3R-09	Mitsui Chemicals,		Massivit 3D Printing Technologies Ltd. (Japan)	
Flow Science Japan	3Q-01	Tobata seisakusho		ShareLab.	3Z-14
Fusion technology	3C-09	JEOL	3G-11	Shenzhen Mingda Technology	3BB-11
Gunma AM Platfrom	3BB-07	JFE Engineering	3M-09	Shimadzu Industrial Systems	3K-03
GUTENBERG	3A-15	Joto Techno	3A-07	SINTOKOGIO,	3G-03
HDC	3R-04	KEYENCE	3P-11	SK Additive Innovation	3T-06
Hoganas Japan	3T-03	Kurama corporation	3K-07	SK Fine	3P-04
HOTTY POLYMER	3T-11	KURIMOTO	3T-15	Sodick	3U-03
HTL Co. Japan	3P-06	LPW Technology Japan	3V-01	SOLIZE	3U-14
ARAKI TECHNICAL & RESEARCH		Marubeni Information Systems	3A-13	SUGINO MACHINE LIMITED	3K-06
Hyogo Metal Belt Consortium	3U-06	Materialise Japan	3R-11	Sumitomo Corporation	3L-14
Research Center for Advanced Metallic Materials		Metal Technology	3G-09	SWANY	3P-09
Hyogo Prefectural Institute of Technology		Mitsubishi Corporation Technos	3D-14	3D Systems	
HONNY CHEMICALS		Morimura Bros.,	3R-03	System Inn NAKAGOMI	3K-14
Malvern Panalytical		nci sales	3P-14	Systemcreate	3K-09
Niimi Sangyo		Nihon Binary	3Q-07	TAIYO NIPPON SANSO	3G-14
IFUKU SEIMITSU		Nihon Michelin Tire	3BB-06	TECHNO solutions	3M-03
Shinhokoku Material		NTTDATA XAM Technologies CORP.	3G-06	The Japan Welding Engineering Society	3Q-14
Denko Techno Heat		EOS Electro Optical Systems Japan		TKE	3U-11
IGUAZU	3T-01	ONOX MTT	3R-14	TOKYO METROPOLITAN INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE Osaka Research Institute of Industrial Science and Technology	3U-15
PhrozenJapan		ORIX Rentec	3X-09	Treslabo	3R-01
INTAMSYS TECHNOLOGY	3C-09	PACIFIC SOWA	3U-09	TRUMPF	3T-14
JAPAN 3D PRINTER.CO.,	3K-11	Polyplastics	3M-01	TÜV SÜD Japan	3L-07
Japan 3D Printing Industrial Technology Association	3L-04	Q-ho Metal Works	3V-15	Visitech	3U-07
Japanese Society of Additive Manufacturing	3X-11	Quintus Technologies	3K-04	ZHUHAI SUNLU INDUSTRIAL	3P-03
TACHIBANA ELETECH		REVOPOINT JAPAN	3Q-09		

31st Jan.(Wed) TCT Japan Conference Day 1 [EVALUATION - GLOBAL INDUSTRY OVERVIEW AND BUSINESS CONSIDERATIONS]

【Organizer】 JTB Communication Design / Rapid News Publications 【Cooperation】 Japan 3D Printing industrial Technology Association

Opening remark



Rapid News Group
Chief Executive

Mr. Duncan Wood

The Future of Machine Parts Manufacturing Industries in Japan



Ministry of Economy, Trade and Industry

Mr. Masashi Hoshino

Additive Manufacturing State of the Industry



Wohlers Associates, powered by ASTM International
Head of Advisory Services and Market Intelligence

Mr. Terry Wohlers

The Additive Manufacturing Transformation: Empowering (Distributed) Manufacturing with 3D Printing



Boston Consulting Group
Partner and Associate Director

Dr. Wilderich Heising

Short Discussion (Q&A)



Japan 3D Printing Industrial Technology Association
Mr. Hideaki Oba



Japan 3D Printing Industrial Technology Association
Managing Director / Researcher
Mr. Tsukasa Matsuoka



Japan 3D Printing Industrial Technology Association
Managing Director / Researcher
Mr. Tsukasa Matsuoka



Japan 3D Printing Industrial Technology Association
Mr. Hideaki Oba

Short Discussion (Q&A)

3D Printing a Sustainable Future - The Importance of product and process life-cycle analysis



Reeves insight Ltd
Managing Director

Dr. Philip Reeves

Leveraging Additive Practices for More Sustainable Manufacturing: Use-Case Studies



Additive Manufacturer Green Trade Association (AMGTA)
Executive Director

Ms. Sherri Monroe

3D Printing Construction in Japan



Nomura Securities Co., Ltd

Mr. Shizuo Harada

1st Feb.(Thu)

TCT Japan Conference Day 2 [ADOPTION - APPLICATIONS]

【Organizer】 JTB Communication Design / Rapid News Publications
【Cooperation】 Japan 3D Printing industrial Technology Association

Generative Design Optimization and Sustainable Additive Manufacturing for Automotive Applications



Nissan Technical Center North America
Technology Planning and Research Department
Senior Researcher

Dr. Nanzhu Zhao

manufacturing for automotive parts



DENSO corporation
Advanced Production Technology Div.
General Manager

Mr. Tera Ryonosuke

3D-printed artificial ventilator: ?-VENT



STONY & Co.
CEO

National Hospital Organization, Niigata National Hospital
Division of Medical Device Innovation, Department of Clinical Research
Director

Kobe University Graduate School of Medicine
Center for Advanced Medical Engineering Research &Development
(CAMED)
Associate Professor

Dr. Naoyuki Ishikita

Japanese Society of Additive Manufacturing × TCT Japan Seminar

Greeting
Ministry of Economy, Trade and Industry Manufacturing Industries Bureau. Machine Parts & Tooling Industries Office.
Deputy Director
Mr. Iinuma Masaya

Enhancement of Performance in Additive Manufacturing in High Gravitational Fields



Keio University
Faculty of Science and Technology, Department of System Design Engineering
Assistant Professor

Dr. Ryo Koike

"One-piece molding Induction Heating Coil: AM Coil ®" ~Won the 2023 "Super" Manufacturing Parts Award~



TKE Co.,Ltd.
PRESIDENT

TAKAO KOGYO Co.,Ltd.
PRESIDENT

Mr. YUTAKA SHIMOMURA

Panel Discussion

Japan's AM technology development and practical examples, competitive with the rest of the world.



Japanese Society of Additive Manufacturing

Mr. Sawakoshi Toshiyuki



Keio University.

Mr. Koike Ryo



TKE Co., Ltd.

Mr. Shlmokura Yutaka



ORIX Rentec Corporation.

Mr. Hakamada Tomoaki

2nd Feb.(Fri)

TCT Japan Conference Day 3

[OPTIMIZATION - BREAKTHROUGHS AND FUTURE OPPORTUNITIES]

【Organizer】 JTB Communication Design / Rapid News Publications 【Cooperation】 Japan 3D Printing industrial Technology Association

A Practical Guide to 3D Printing



JAPAN 3D PRINTING INDUSTRIAL TECHNOLOGY ASSOCIATION
Researcher

Mr. Kiyoshi Yamaguchi

Recent trends of metal Additive Manufacturing and development status of the Japan-made MEX process project



Kindai University
Fundamental Technology for Next Generation Research Institute
Professor

Prof. Hideki Kyogoku

Structural Design of Functional Structures Based on Topology Optimization



Kyoto University
Department of Mechanical Engineering and Science Graduate School of Engineering
Professor

Prof. Shinji Nishiwaki

Exploring Applications and Future Frontiers of Plastic laser Sintering



the University of Tokyo
Institute of Industrial Science
Professor

Prof. Toshiki Niino

3D printing of composite materials



Tokyo University of Science
Department of Mechanical and Aerospace Engineering
Professor

Prof. Ryosuke Matsuzaki

Stereolithographic Additive Manufacturing



Osaka University
Joining and Welding Research Institute
Professor

Prof. Soshu Kiriara

3D Printing Market and Technology Trend in US and Europe



Japan 3D Printing Industrial Technology Association

Mr. Hideaki Oba

Exhibitor Seminars @TCT Introducing Stage

1/31	12:00-12:30	Shimadzu Industrial Systems	Introducing VHS-CUBE, a small degreasing and sintering furnace for metal 3D
	12:45-13:15	SWANY / 3D Systems Japan	Accelerating Large-Scale parts Manufacturing! The possibilities offered by the EXT Titan pellet, an AM + NC hybrid pellet extrusion 3D printer.
	13:30-14:00	SINTOKOGIO	Introduction of post-processing machine "Powder Separation and Recovery System" and post-processing system for PDF type metal 3D printers.
	14:15-14:45	UltiMaker / Brule Inc.	UltiMaker's vision for the future of industry from education
	15:00-15:30	TÜV SÜD Japan	International standards for AM quality assurance and case study for the certification
	15:45-16:15	Quintus Technologies	Latest Heat Treatment Developments for Critical AM Components
2/1	11:15-11:45	Cubicure	Introducing Cubicure's 'Hot Lithography' technology: 3D printing for industrial applications
	12:45-13:15	JAPAN 3D PRINTER / Markforged Japan	MarkForged's latest 3D printers, materials and services
	13:30-14:00	Sanwa Dental	The latest denture device using 3D metal printing technology
	14:15-14:45	TAIYO NIPPON SAN SO	Towards practical use of AM breakthrough. - Introduction of the latest laser wire metal 3D printer "ADDiTEC"
	15:00-15:30	AMCM	Introduction to the features of the AMCM, the customized EOS machines
	15:45-16:15	Hyogo Metal belt consortium University of Hyogo / Malvern Panalytical a division of Spectris	L-PBF Method for Water Atomized Powder Fabrication and Powder Evaluation Technology ~Possibility of Cost Reduction in Mass Production by Application of MIM Powder~
2/2	10:30-11:00	EOS	Introduction/ Update of EOS's innovations 1) Smart Fusion 2) Advanced Processes 3) New Light Engines
	11:15-11:45	SUGINO MACHINE	AM Parts Post Processing Technology Innovation Support Material and Unmelted Powder Removal - Surface Roughness and Fatigue Strength Improvement Technology for AM Parts
	12:00-12:30	ADEKA	Introduction of Polymer Additives contribute to Functionalization of Materials for 3D Printing
	12:45-13:15	TRUMPF CORPORATION	TRUMPF's Metal 3D Printing Technologies ~ The Latest AM Trend from Germany ~
	13:30-14:00	SUGINO MACHINE	AM Parts Post Processing Technology Innovation Support Material and Unmelted Powder Removal - Surface Roughness and Fatigue Strength Improvement Technology for AM Parts
	14:15-14:45	SINTOKOGIO	Surface treatment technology as a post-process in metal AM
	15:00-15:30	Digital Theater	DX Reskilling: 3DA model, not well known in Japan

Advertisement/Promotional Options

Free Invitation letters (JP)

around 56,000 sent out*

Digital ver.

https://www.tctjapan.jp/TCT2024_invitation_jp.html



Google Listing Ads (January, 1 month)

Ad Placement

Newspaper : Kanagata, NIKKAN KOGYO SHIMBUN
Banners : MarkLines, PJ Web News
Newsletters : ITmedia (MONOist), IPROS, i-MAKER

Short Presentation

At AM related association
(Over 600 attendees in Japan)

Free E-invites (JP)



Email Newsletters

Recipient list : 13,000+



*Past visitors, registered visitors, our company's other exhibitions' visitors, etc.

TCT Magazine(JP) - Limited Edition at Venue



TCT Magazine - Digital Version

http://digital.ex-press.jp/Digital_TCT_2401

Organizer Interview Article (JP)

"How to make the most of TCT Japan 2024"



Press Release

PR TIMES

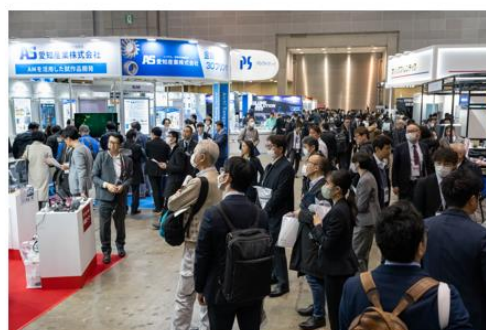
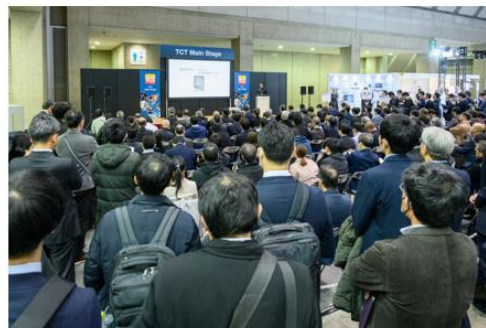
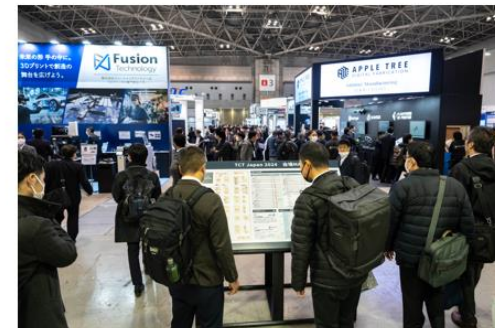
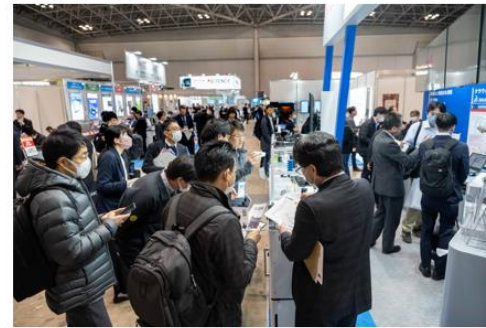
Social Media



Official X (Twitter) @TCT Japan

Updated daily leading up to the exhibition
(Exhibitor/Seminar Introduction etc.)

Scenery of the venue



A photograph of a networking reception buffet line. Several people in business attire are standing along a long white table, serving themselves from various silver chafing dishes. The dishes include spaghetti, a salad, a fruit and chocolate tray, and other prepared foods. In the foreground, there are stacks of white plates and a wicker basket containing cutlery. The text "Networking Reception" is overlaid in white on the left side of the image.

Networking Reception

Networking Reception

To celebrate the opening of TCT Japan 2024, the first ever “Networking Reception” was held by JTB Communication Design, Inc. and Rapid News Publications Ltd.

【Overview of the event】

Date : 5:30 pm~7:30 pm Wed. January 31st 2024

Place : Hotel Sotetsu Grand Fresa Tokyo Bay Ariake

Participants : TCT Japan 2024 Exhibitors ・ Speakers ・ Industry observers, etc

Numbers of Participants :

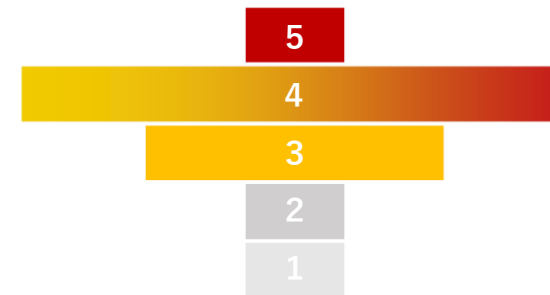
Free of Charge, Buffet Style



(L) Opening Remarks by the Organizer : Mr. Duncan Wood, the Chief Executive of Rapid News Publications Ltd.
(R) Toast : Mr. Koji Mitsumori, Representative Director of Japan 3D Printing Industrial Technology Association



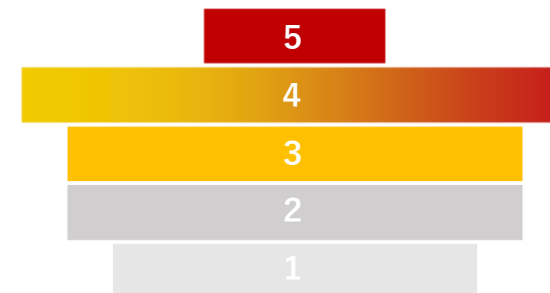
Satisfaction Rate



n=54
< Multiple answers allowed >
※Post-Show Exhibitor
Questionnaire

Average
3.4

Have you made new connections?



Average
2.9

形 手の中に。
プリントで創造の
を広げよう。

Fusion
Technology

株式会社フュージョンテクノロジーは
3Dプリンタの専門会社です。

3

APPLE TREE
DIGITAL FABRICATION

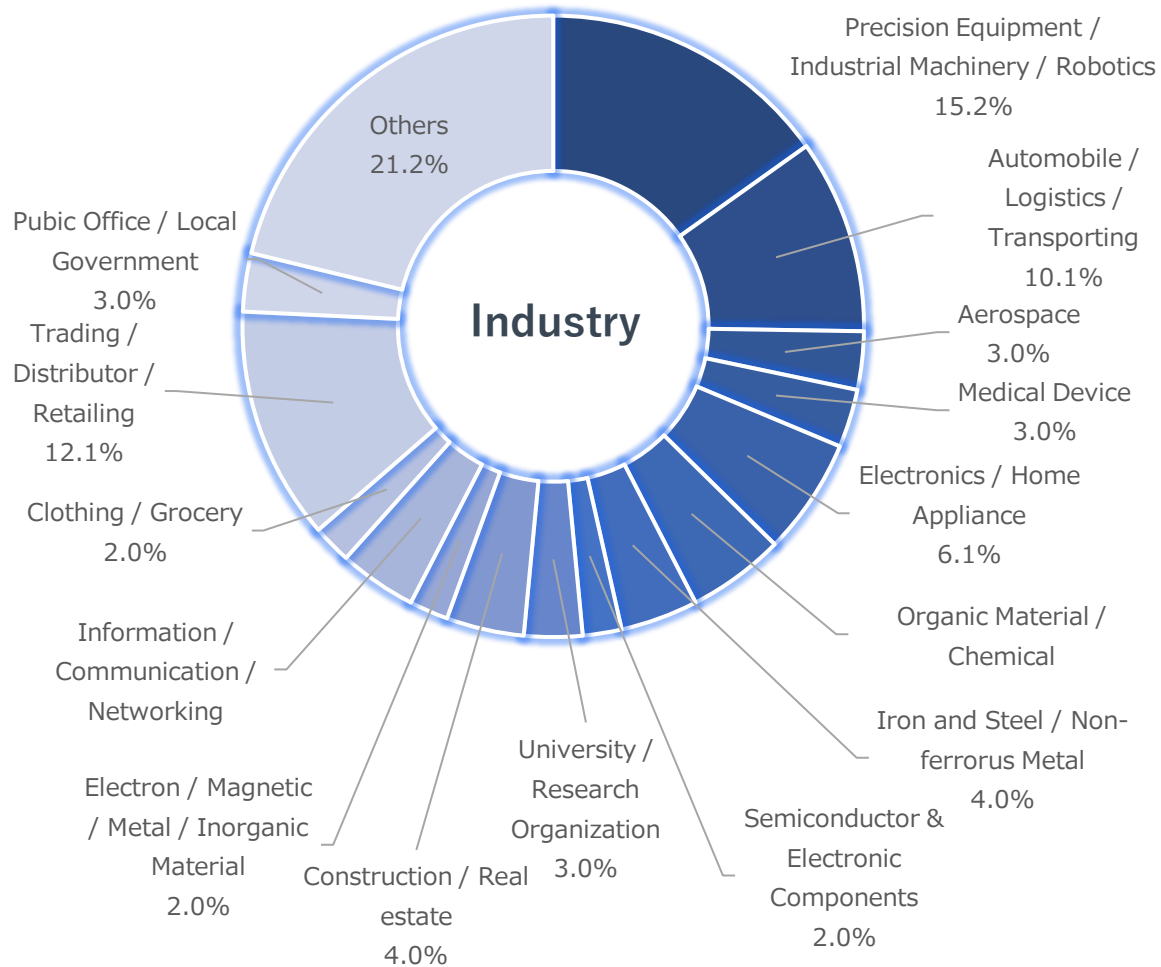
Additive Manufacturing
3Dプリンタ

PLASFORM 3D PRINTER

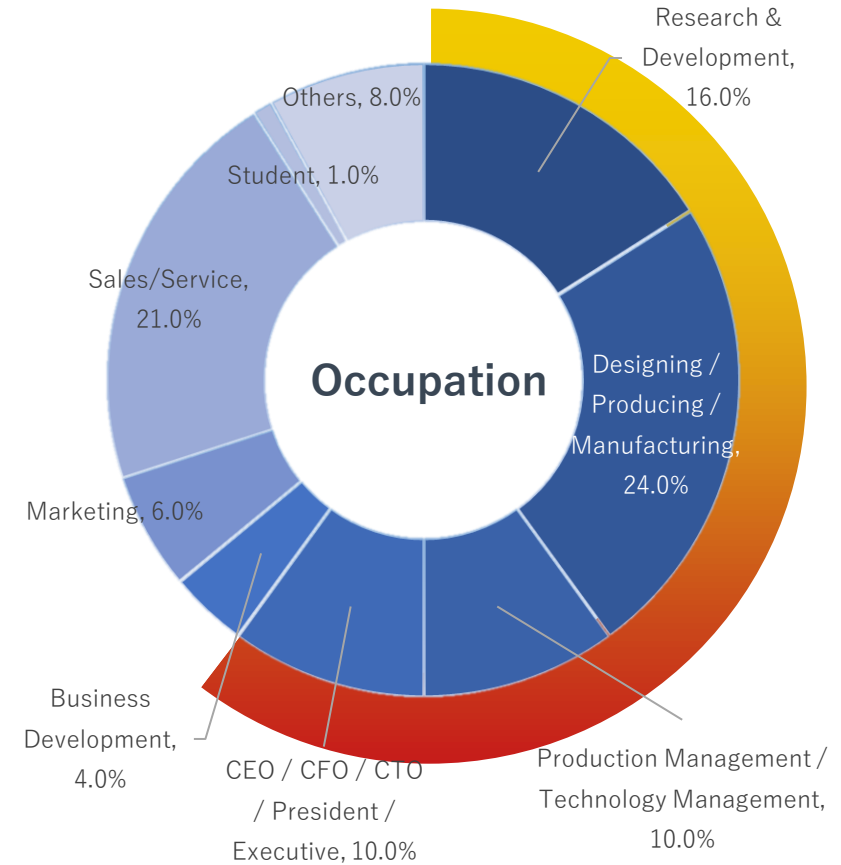
Visitor Data

TCT Japan 2024 会場MAP

Industry/Occupation



Other : Medical & Pharmaceutical, Press/Media, Publisher, Textile • Ceramics • Paper • Pulp, Analytical and Measuring Equipment, Electricity • gas • oil, and other energy, Optical Components and Devices, Cosmetics • Toiletries, Surface Processing, Marine Equipment • Materials • Services, Foreign Diplomatic Missions • Institutions and Organizations, Foods & Beverages, Think tanks, Fisheries • agriculture • forestry and mining etc.



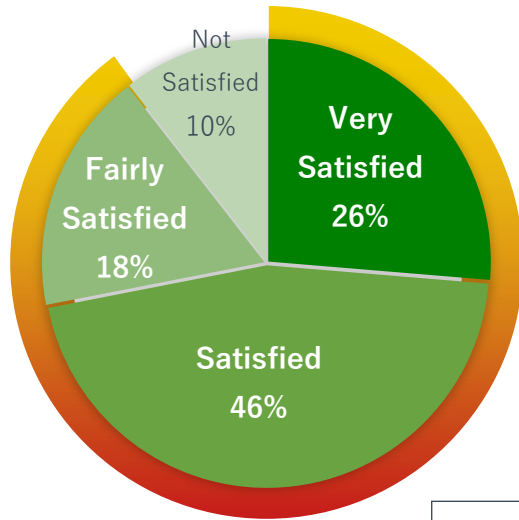
Other : Quality Control, Purchasing and Procurement, Facility Management, Press, Editor, etc.



Exhibitor Data

Exhibition Results, Exhibition Satisfaction Rate, Visitor Type

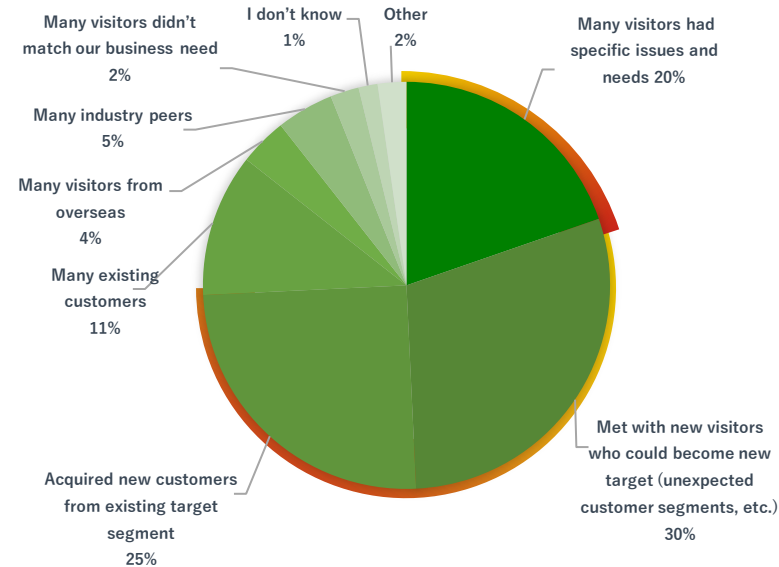
Exhibition Satisfaction Rate



90% of Exhibitors answered "Satisfied"

n=54
※Exhibitor Survey after the exhibition

Visitor Type



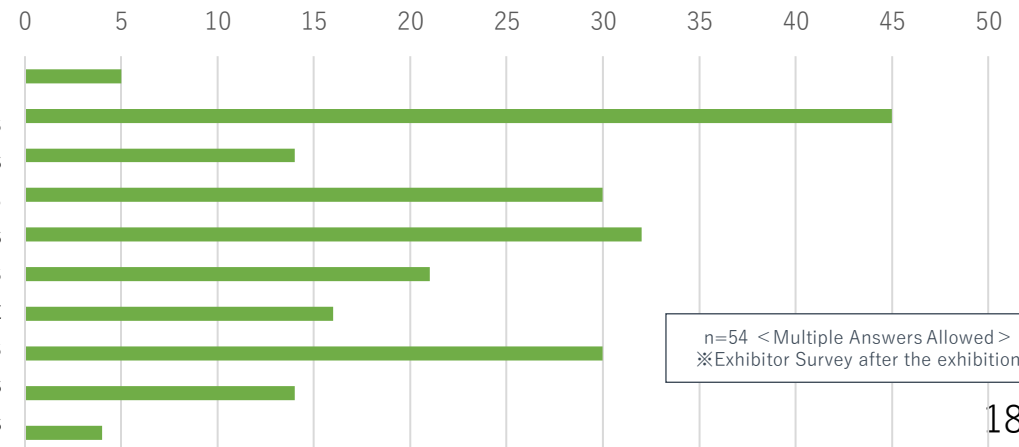
20% of Visitors had specific issues and needs.

55% of Exhibitors Acquired New Clients.

n=54 < Multiple Answers Allowed >
※Exhibitor Survey after the exhibition

Exhibition Results

- a. Received orders during the exhibition
- b. Received specific inquiries that could lead to future business
- c. Found new partners or collaborators
- d. Met visitors with potential for new business opportunities or collaborations
- e. Deepened communication with existing customers
- f. Established a network with other exhibitors
- g. Helped with corporate PR, brand recognition, and image improvement
- h. Showcased new products, technologies, or services
- i. Received valuable feedback from users
- j. Didn't achieve many results



n=54 < Multiple Answers Allowed >
※Exhibitor Survey after the exhibition

Exhibitors' Feedback

- We were able to obtain several **potential new projects**. Also, we were able to gain firsthand knowledge of the market and users' opinions and situation.
- In the past, this exhibition has mainly been for marketing purposes, but we are now able to **gain more specific business inquiries**.
- More people have a positive image of the AM industry, and we were able to **gain new customer leads**.
- Although we exhibited with only one booth, we attracted many visitors who were highly interested in our products. As a result, we were able to have **many concrete business meetings**.
- There were business meetings for **direct actual sales** of our product.
- **Actual exhibition of the device resulted in high customer attraction** and brought more visitors than we expected.
- We had **specific business meetings** which included **making prototypes** using the modeling equipment to be installed, new customers in **the aircraft industry** which we consider a new business market, as well as requests from **other divisions of companies** with which they are already collaborating.
- We exhibited one new product at **our trial booth**, and we were pleased with the number of visitors and their positive reactions which exceeded our expectations.
- In this year's exhibition, we focused on having **business meetings** with existing and highly promising customers through the matching system. We were often absent from the booth due to business meetings; nevertheless, we were satisfied because we gained the same number of total contacts as in previous years.
- It seems more and more Japanese manufacturers are considering introducing AM technology to use for **final production and mass production**. Moreover, purposes and reasons to introduce AM technology are tangible.
- Business negotiations with visitors of the past two years' exhibitions are likely to improve even more after this exhibition.

n=54 <Multiple answer allowed >
*Post-Show Exhibitor Questionnaire



We are currently preparing an event report containing more detailed visitor analysis

- Visitors' involvement in purchasing & introducing 3D printer/AM technology, and their budgets.
- Molding equipment/materials/software and other products and technologies sought by visitors
- Visitors List by Industry



*Image of previous show report

If you'd like to access this data, please request **the Prospectus of 2025** !
【Takes only 3 mins】 Link to request Prospectus(FOC) [HERE](#)

— NEXT SHOW —



TCT Japan 2025

-The event for 3D Printing and Additive Manufacturing Intelligence-

Date : January 29th (Wed.) ~ 31st (Fri.), 2025

Venue : Tokyo Big Sight (East Hall)

Online application is now open!



Why Exhibit?



Inquiry about
Booth Application



Click now!



Book Your Stand



Prospectus



Contact

TCT Japan Secretariat

PIC : Madoka Hibi, Masaya Yamagata

JTB Communication Design Co., Ltd.
Tradeshows Business Unit, Co-Creation Department

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