



# **TCT Japan 2021 Show Report**

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# Overview

## TCT Japan 2021

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

<Organizer> JTB Communication Design, Inc.  
Rapid News Publications Ltd.



<Date & Venue>

Physical : December 9 (Wed.) – 11 (Fri.), 2020

Tokyo Big Sight (West Hall 1 / Conference Tower)

Digital : October 26 (Mon.), 2020 – January 15 (Fri.), 2021

Seminar Archive Distribution : January 13 (Wed.) – 15 (Fri.), 2021

Number of  
Exhibitors



37

exhibitors

Number of  
booths



51

booths

Number of  
participants



22,704

participants

Number of  
seminars



21

seminars

\*Digital exhibitors : 4 exhibitors

\*Including simultaneous exhibitions  
and digital attendees

\*Tokyo Big Sight : 10,615 visitors

\*Online seminars : 8 seminars

Exhibitor search page : PV

Products' catalogues/videos : DL



Total  
12,755 PV\*

Average

354 PV/exhibitor\*

Total\*  
5,365 DL

\*Google Analytics: 2020.10.26-2021.01.15

\*A cumulative total number of data

## Concurrent exhibition



# Promotion

## Free Admission Tickets

over **150,000** distributed\*



## E-mail Newsletters

over **10,000** Subscribers\*

\*Directly posted and distributed to previous participants, visit registrants, related exhibition, etc.

## SNS

- ◎ Official Twitter @TCT Japan (Introduced exhibitors/seminars)
- ◎ LinkedIn
- Made event page
- Posted information of exhibition

## Press Releases · Advertisement

The Nikkan Kogyo Shimbun, The Nihon Sanki Shimbun, Daily Automotive News, i-MAKER, ITmedia, id.arts, Printing Journal, google search advertising, etc.



## Exhibitor's interview

Released an interview article on the official website. We actively introduced products and technologies exhibited.

# Expand Online Service

We expanded the online contents such as posting of product's information (catalogs/videos), online seminars, seminar archive distribution, etc.

Materialise Japan  
Booth: 1W-V25  
Exhibition: TCT Japan 2021

Video Seminar Demo Sample

Exhibit Highlights  
Software for 3D Printing  
With one of the world's largest 3D printing facilities and a team of 3D printing software developers, we can help our customers smoothly transition to the era of digital manufacturing and create disruptive innovations for the entire industry.

Product 1 Product 2 Product 3 Product 4 Product 5

Product 1  
3D Printing Trends 2021

Product 2  
Materialise Magics Software for 3D Printing

AM Global Trends & Adoption  
Rapid News Group  
TCT Magazine  
Head of Content  
Ms. Laura Griffiths

3D Printing of advanced metal : Strategies and applications  
Nanyang Technological University  
School of Mechanical and Aerospace Engineering  
Professor  
Prof. Yeong Wai Yee

Digital Metal, About the latest situation of Metal Binder Jetting  
Hogafors Japan  
Mr. Miyamoto Masahiro

Abstract  
3D printing is an integral part of Industry 4.0. With the functional metal products in many high value industries of advanced metal research in the Singapore Centre for melting, 3D printing of multi metals, latest simulation will share on the strategies, applications, and the future.

The impact of AM on the geographies of the future role of Asia in global supply chain  
University of Bristol  
School of Management  
Reader in International Business  
Dr. Jennifer Johns

Leveraging Design Freedom to Disrupt Power Generation  
Toshiba Energy Systems Corporation

# TCT Conference

Over a three-day period, more than 10 experts and end users from domestic and overseas gave lectures and provided cutting-edge information on market trends, global supply chains, contactless services, etc. We distributed archive videos of some conferences from January 13th to 15th, 2021.

## Day 1 : AM GLOBAL PERSPECTIVES

### Opening Remark



Mr. Duncan Wood  
Rapid News Publications  
CEO

### AM Global trends & adoption



Ms. Laura Griffiths  
Rapid News Group  
TCT Magazine  
Head of Content

### 3D Printing of advanced metal : Strategies and applications



Prof. Yeong Wai Yee  
Nanyang Technological University  
School of Mechanical and  
Aerospace Engineering

### The impact of AM on the geographies of production: what is the future role of Asia in global supply chains?



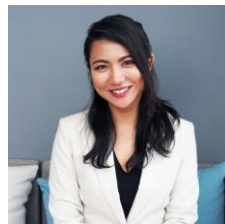
Ms. Jennifer Johns  
University of Bristol  
School of Management  
Reader in International Business

### Kansai-3D Technology Project, Feasibility Study of The Additive Manufacturing Process



Ms. Toshiko Tanigawa  
Kansai Bureau of Economy,  
Trade and Industry Next-  
Generation Industry Division  
Assistant manager

### Building Community in the AM Industry



Ms. Asuka Matsuoka  
Women in 3D Printing  
Tokyo Ambassador



## Day 2 : Contactless service realized by robotics and 3D printing cosponsored by Japan 3D Printing Industrial Technology Association

### J3DPA Introduction



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

### Mobile Robot Technologies and Era with Covid-19 to AM



Prof. Takashi Tsubouchi  
University of Tsukuba  
Faculty of System and  
Information Engineering  
Professor

### Utilization and Concept of 3D printers in robot development



Prof. Takeshi Takaki  
University of Hiroshima

### Towards a happy society where people and robots co-work together. Robotics use cases in the service industry.



Mr. Hiroya Nakano  
QBIT Robotics  
President

## 【TCT×JFlex】 Flexible Production

### Element technology and quality control of Additive Manufacturing in high-mix low-volume production



Mr. Nagasawa Yutaka  
Metal Technology  
Technical Center  
Deputy Department Manager

### Mass Customization: Introduction of 3D printed eyewear, case study of Hoya's YUNIKU



Mr. Tsuyoshi  
Kobayashi  
Materialise Japan

#### 【JFlex】

#### Realizing true social implementation of printed electronics using IH reflow technology

Mr. Koki Fukuda  
Wonder Future Corporation  
CEO

#### Introduction of F3D activity towards 5G/6G 23D system integration

Prof. Katsuaki Suganuma  
Flexible 3D System Integration Laboratory  
Osaka University  
Specially Appointed Professor, Director

# TCT Introducing Stage

## Physical Seminar @Tokyo Big Sight

**Formlabs, which has moved into large SLA and powder sintering (SLS), is taking on the challenge of digital transformation (DX) with a “Factory solution” that covers from prototyping to manufacturing.**

Mr. Keiichiro Araiara  
Formlabs

**Introduction of Bruker X-ray Microscopy and application example**

Ms. Haruka Nakayama  
Bruker Japan

**New product announcement! Magic 25 and Magics Process Tuner**

Mr. Tsuyoshi Kobayashi  
Materialise Japan

## Online Seminar

**Digital Metal, About the latest situation of Metal Binder Jetting**

Höganäs Japan

**Leveraging Design Freedom to Disrupt Power Generation**

Taiyo Nippon Sanso Corporation

**Metal AM journey as a production technology**

NTT DATA XAM Technologies Corporation

**Magics Simulation for Metal 3D Printing**

Materialise Japan

**Performance Testing and Certification Program for Plastic Materials Applying for 3D Printing Technology (Blue Card Program)**

UL Japan

**XYZ Printing Japan online seminar**

XYZ Printing Japan

**Principles of X-ray CT and its application to 3D printing**





Bruker Japan

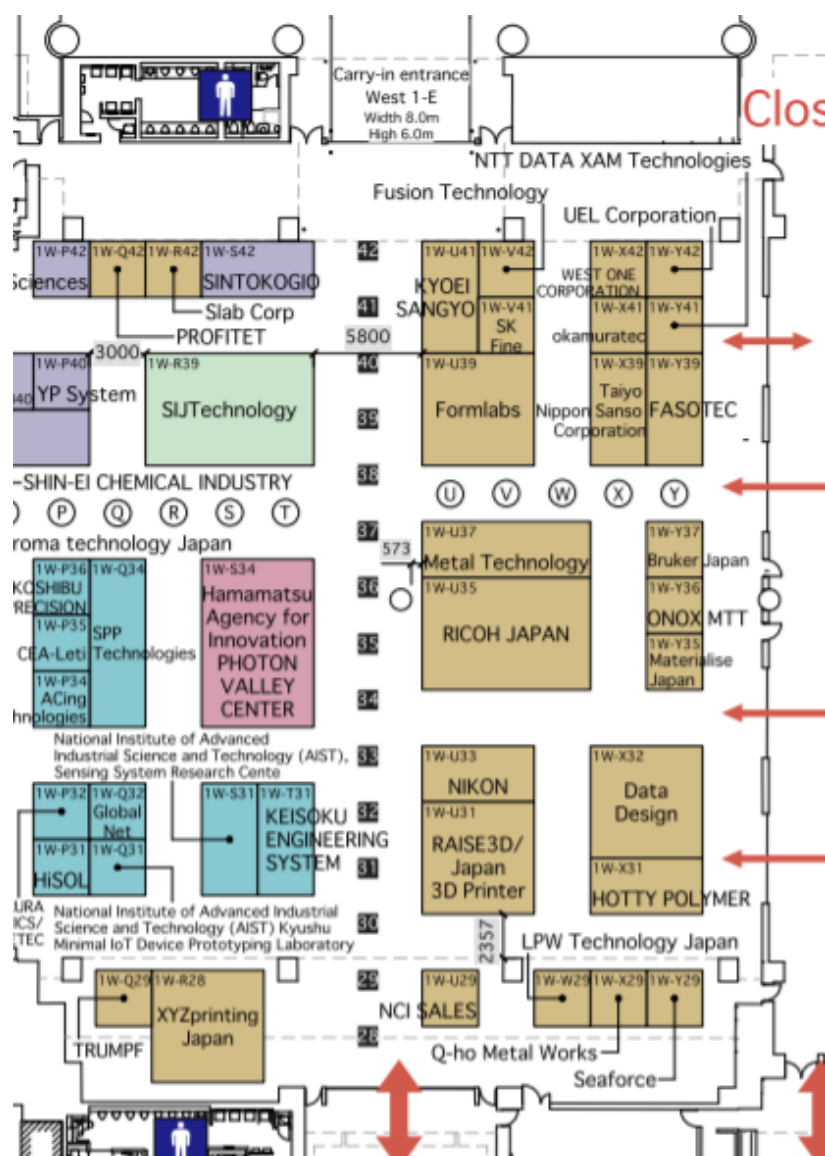
**Markforgedが提案するメタル/コンポジット3Dプリンティングの可能性**

Data Design

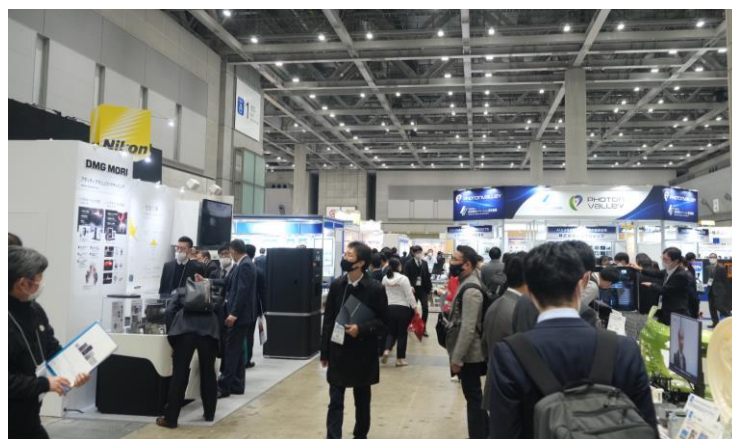


# Exhibitor List / Floor Plan

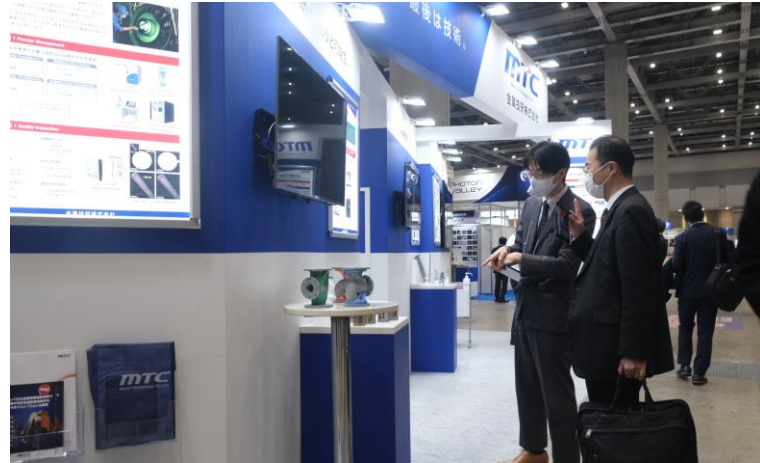
Company Name	Booth Number
Bruker Japan	1W-Y37
Data Design	1W-X32
FASOTEC	1W-Y39
Formlabs	1W-U39
Digital Factory	
BRULÉ	
DataDesign	
Fusion Technology	
YOKOITO	
Fusion Technology	1W-V42
Höganäs Japan	
HOTTY POLYMER	1W-X31
Japan Chemical Fibers Association	
KYOEI SANGYO	1W-U41
LPW Technology Japan	1W-W29
Materialise Japan	1W-Y35
Metal Technology	1W-U37
NCI SALES	1W-U29
NIKON	1W-U33
NTT DATA XAM Technologies	1W-Y41
okamuratec	1W-X41
ONOX MTT	1W-Y36
PROFITET	1W-Q42
Q-ho Metal Works	1W-X29
RAISE3D / Japan 3D Printer	1W-U31
RICOH JAPAN	1W-U35
Seaforce	1W-Y29
SK Fine	1W-V41
Slab Corp	1W-R42
Speedy Target Group	
Taiyo Nippon Sanso Corporation	1W-X39
TRUMPF	1W-Q29
UEL Corporation	1W-Y42
UL Japan	
WEST ONE CORPORATION	1W-X42
XYZprinting Japan	1W-R28



 Digital Exhibitor

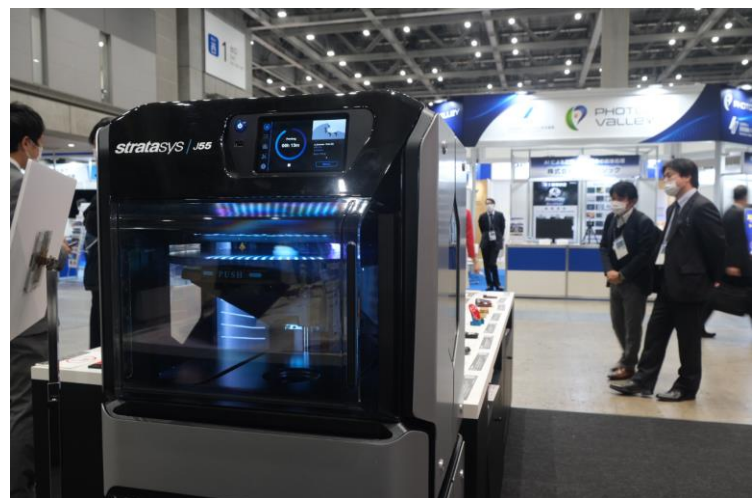
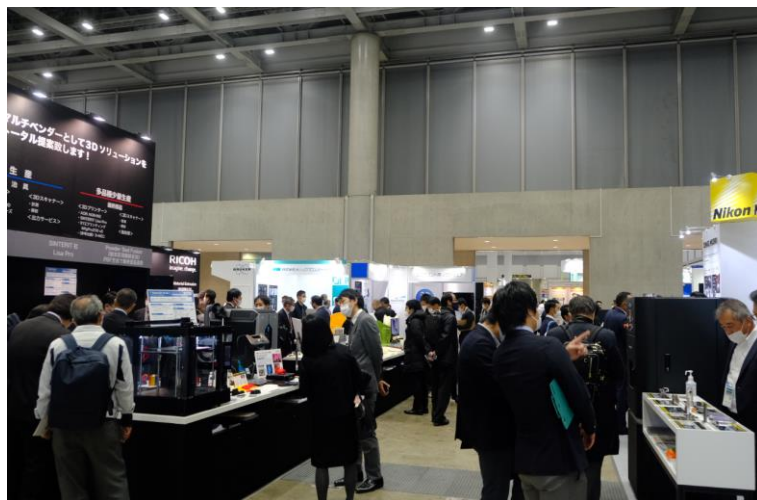


# Show Gallery

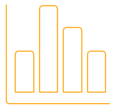




# Show Gallery



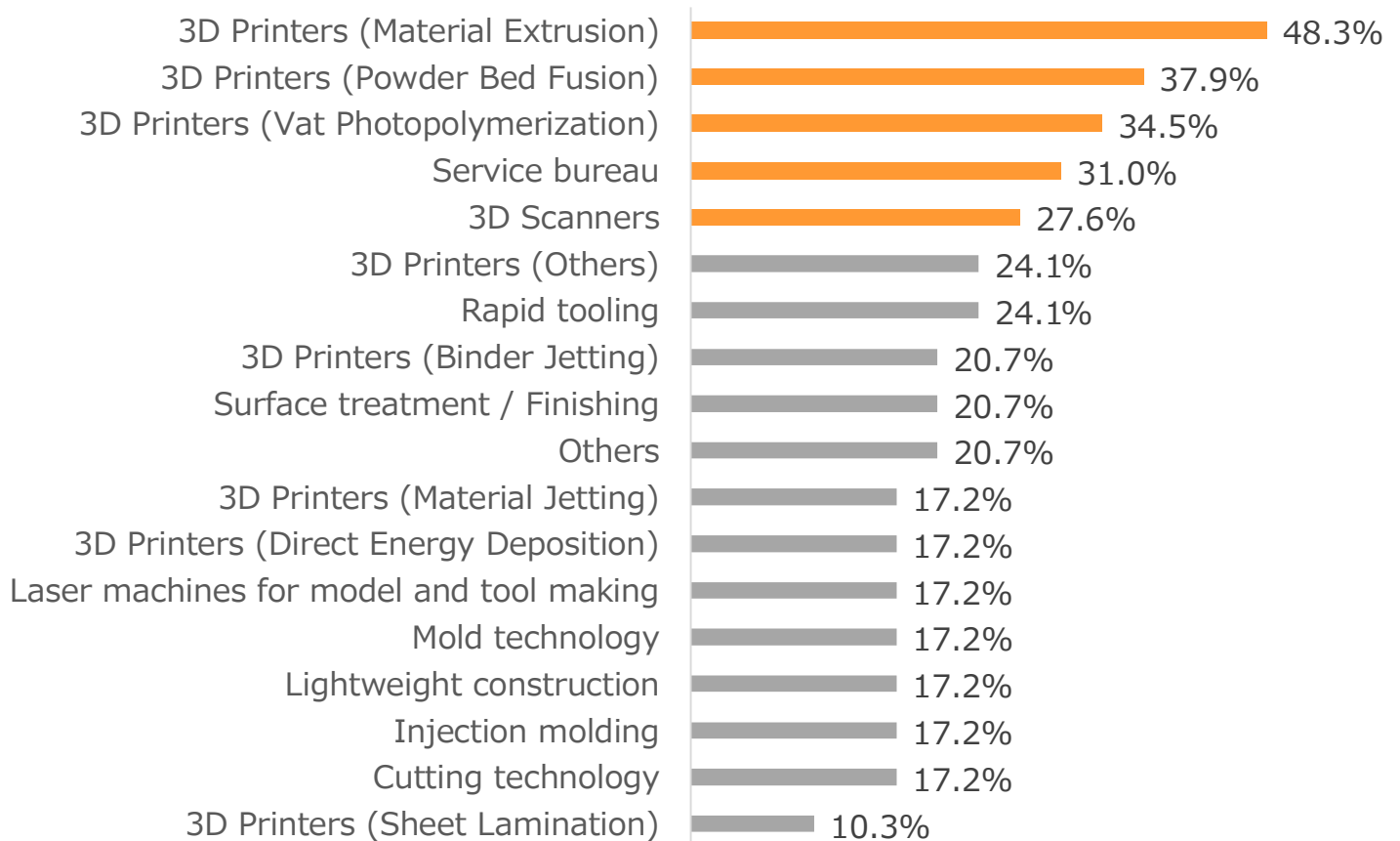
# Exhibitor Profile



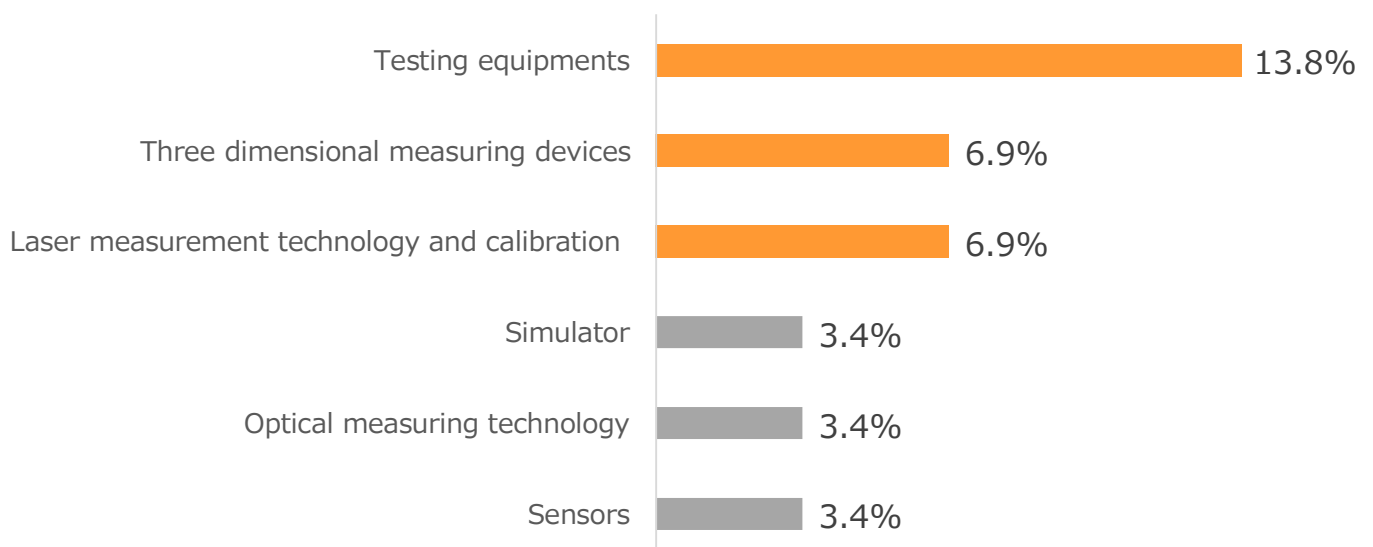
## Exhibited Products & Service

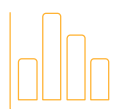
\*Multiple responses / total:29

### Machines, Equipment, Tools and Technology



### Device for measurement, control, verification

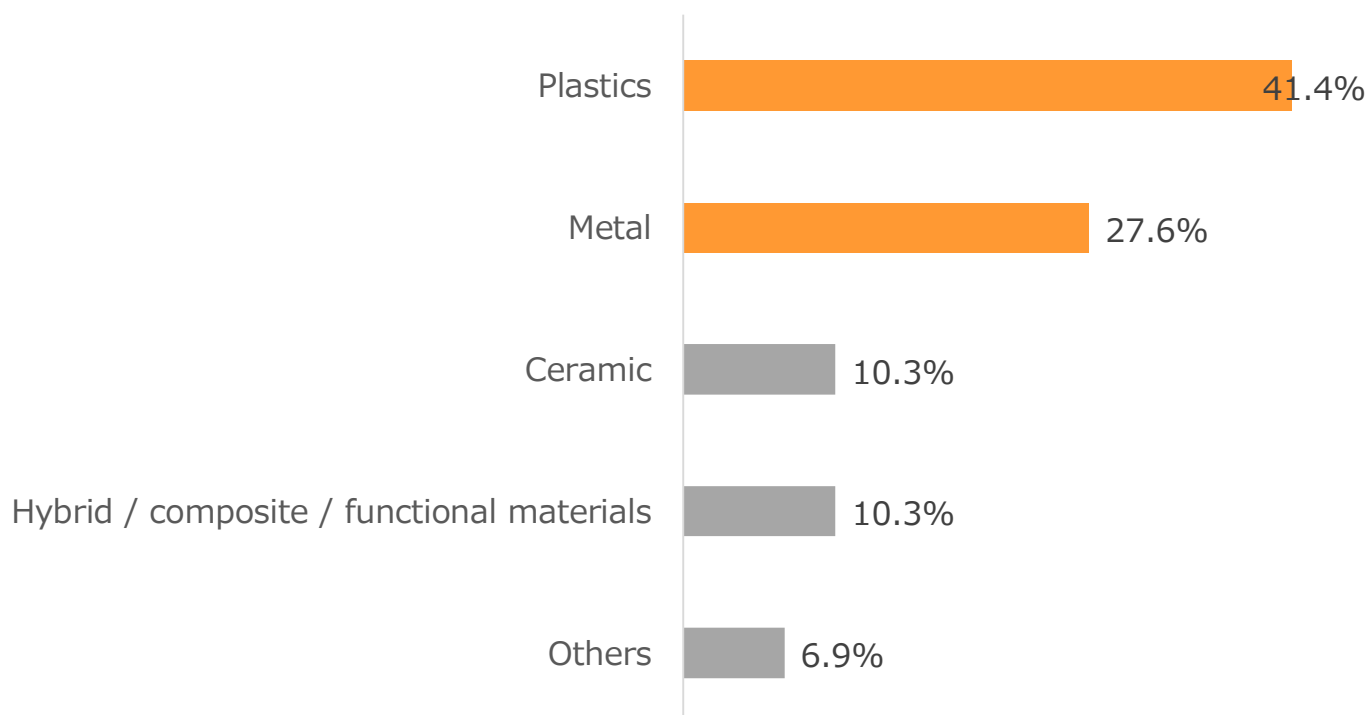




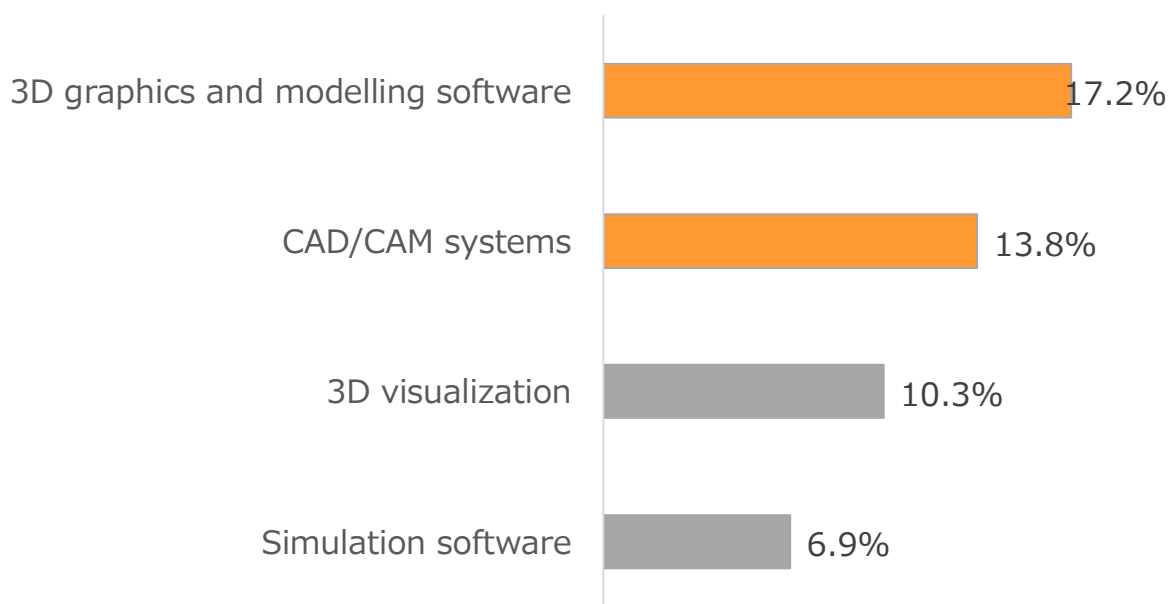
## Exhibited Products & Service

\*Multiple responses / total:29

### Materials

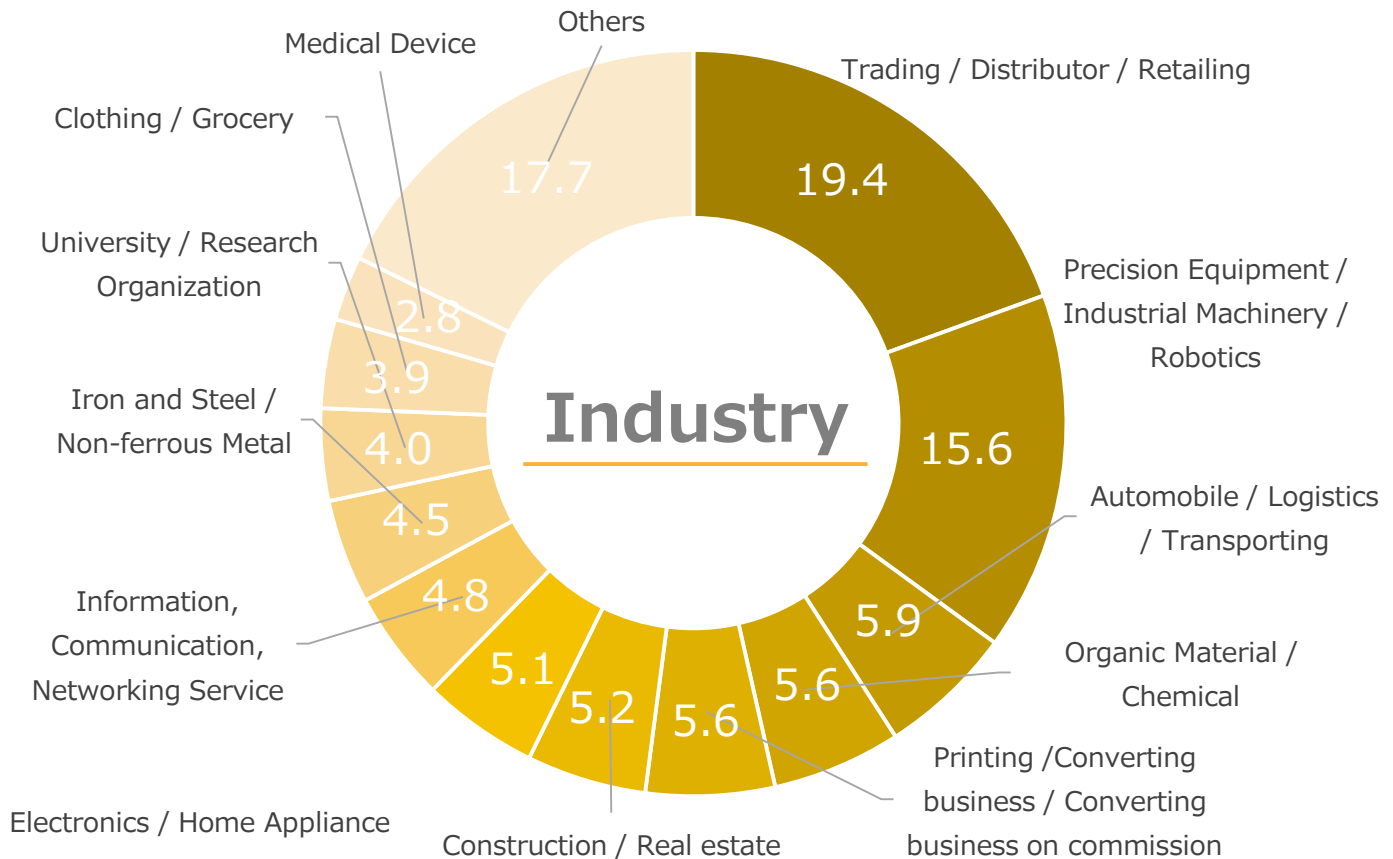


### Software

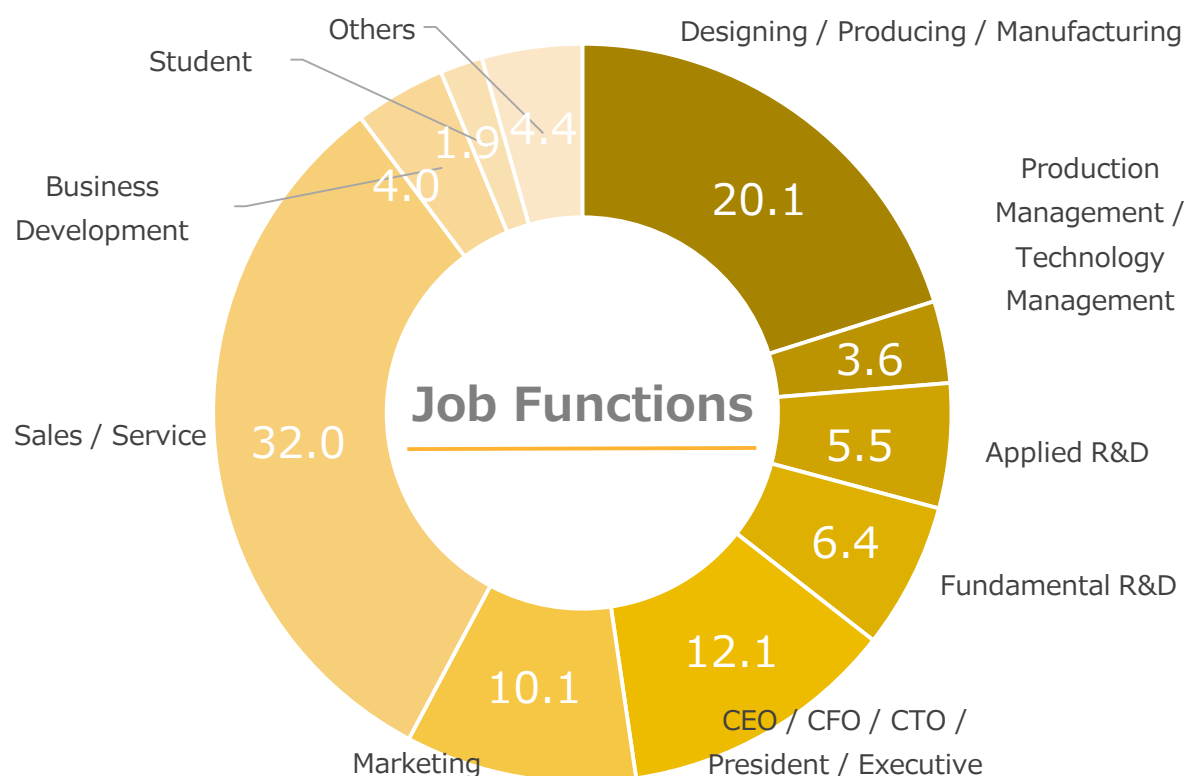


# Visitor Profile Industry / Job Functions

Even among the visitors from a wide range of industries, many sales representatives, including trading companies engaged in industrial machinery, visited the venue for the purpose of customer proposals.



Others: Electron / Magnetic / Metal / Inorganic Material, Semiconductor / Electrical Equipment & Component, Aerospace, Finance / Investment / Consulting, etc.



Others : Purchase / Supply, Quality Control, Facility Management, etc.

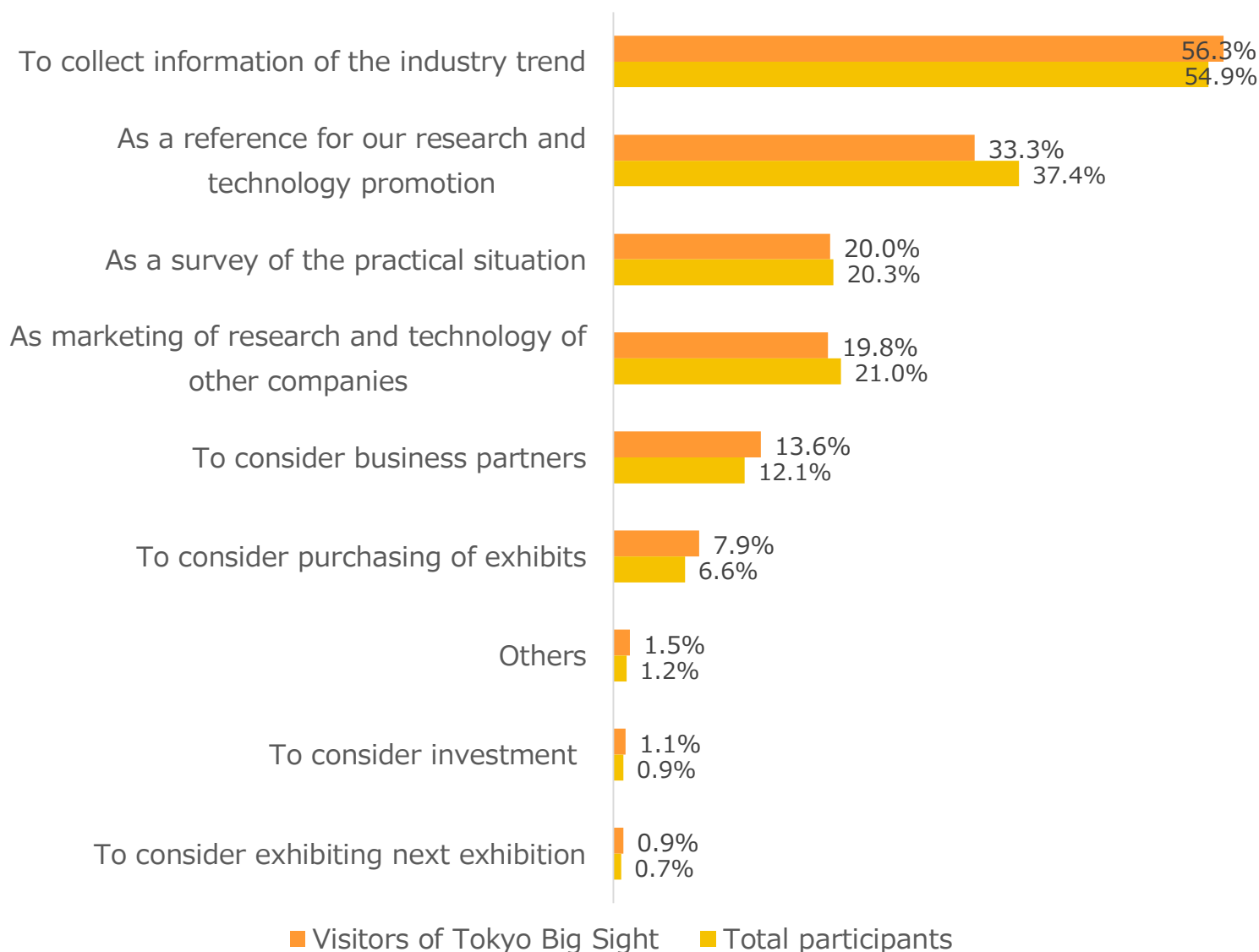
Number of total data : 751  
(Visitors of Tokyo Big Sight)



# Visitor Profile Purpose of visit



Please tell us the purpose of your visit.



\*Number of total data : 751(Visitors of Tokyo Big Sight) / 1,646(Total participants) / Multiple responses

The largest number of visitors were for the purpose of "collecting information of the industry trends."

The percentage of visitors of Tokyo Big Sight who answered "to consider business partners" or "to consider purchasing of exhibits" is higher than total participants (including online participants).

# TCT Japan 2022 -Overview-

## Organizer

JTB Communication Design, Inc.  
Rapid News Publications Ltd.



## Date

January 26 (Wed.) – 28 (Fri.), 2022

## Venue

Tokyo Big Sight (East Hall & Conference Tower)

**Prospectus** [https://www.tctjapan.jp/pdf/TCT2022\\_E.pdf](https://www.tctjapan.jp/pdf/TCT2022_E.pdf)

## Online Application Form

<https://application.jcdbizmatch.jp/en/nanotech2022/TCT>

### CONCURRENT EVENTS



## Contact :

TCT Japan Secretariat  
JTB Communication Design Co., Ltd.  
Trade Show Division, Business Promotion Department

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105-8335

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E-mail: [tctjapan@jtbcom.co.jp](mailto:tctjapan@jtbcom.co.jp)

# DESIGN-TO-MANUFACTURING INNOVATION



[WWW.TCTGROUP.COM](http://WWW.TCTGROUP.COM)

[WWW.TCTJAPAN.COM](http://WWW.TCTJAPAN.COM)

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