TCT Japan 2022
Show Report

Overview

TCT Japan 2022

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

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

<Date & Venue>
Date : January 26 (Wed.) – 28 (Fri.),2022
Time : 10:00-17:00
Venue : Tokyo Big Sight (Est Hall 3 / Conference Tower)

Number of Exhibitors

66
exhibitors

*Digital exhibitors : 2 exhibitors

Number of booths

119
booths

Number of participants

10,607
participants

*Including simultaneous exhibitions

Number of seminars

41
seminars

* Including TCT Conference / Exhibitor Presentation

Concurrent exhibition

nano tech 2022 International Nanotechnology Exhibition & Conference
MEMS SENSING & NETWORK SYSTEM 2022
Surface Technology Creates New Business The 17th Advanced Surface Technology Exhibition & Conference ASTEC2022
SURTECH 2022
Convertech JAPAN 2022
JFlex2022
3DECO tech 2022
neo functional material 2022
ENEX 2022 Energy and Environment Exhibition
DER Microgrid Japan 2022
RENEWABLE ENERGY 2022 www.renewableenergy.jp
InterAqua 2022

Promotion

Free Admission Tickets

over **40,000** distributed*

E-mail Newsletters

over **11,000** Subscribers*

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

Press Releases・Advertisement

✔ Press Releases

PR TIMES

✔ Advertisement

ShareLab NEWS

The Nikkan Kogyo Shimbun, Kanagata Shimbun, i-MAKER, ITmedia, id.arts, Printing Journal, MarkLines, monodukuri.com, google search advertising, etc.

SNS

◎Official Twitter @TCT Japan
(Introduced exhibitors/seminars)

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 : EVALUATION - GLOBAL INDUSTRY OVERVIEW AND BUSINESS CONSIDERATIONS

Will it change with COVID-19? Domestic AM market

Ms. Hiroko Koyama
Yano Research Institute

Global Trends in Utilization of 3D Printing and Challenges in Japan

Mr. Yosuke Irie
Deloitte Tohmatsu Consulting
Technology, Media & Telecommunications Industry Partner

Introduction to the activities of TRAFAM

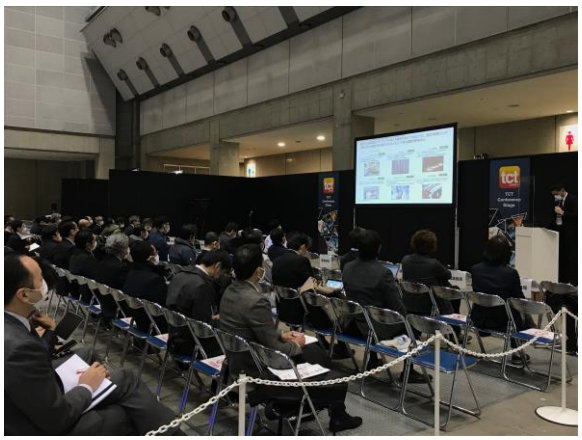
Prof. Hideki Kyogoku
Technology Research Association for Future Additive Manufacturing : TRAFAM

Process and future in 3D digital footwear

Mr. Masaharu Ono
Magarimono

Promoting the coexistence of people and technology in construction to update the construction industry. "Polyuse.

Mr. Wataru Ooka
Polyuse



TCT Conference

Day 2 : ADOPTION - APPLICATIONS

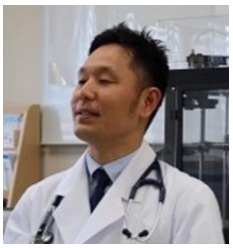
「Additive Manufacturing of Medical Devices worldwide regulatory status and latest developments in industrial standards」

Ms. Enora Rogers
ENORA ROGERS
President/Biomedical Engineer

Development of heat exchanger for Inter Proto Series Engine

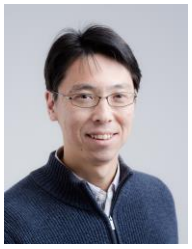
Mr. Kiyoshi Yonai
TAMACHI INDUSTRIES Co.,Ltd

Construction of a decentralized medical device development platform utilizing AM technology



Dr. Tomohiko Kisaka
Hiroshima University
Division of Biodesign, Department of Academia-Government-Industry Collaboration
Associate Professor / Division Chair

A novel design framework for therm-fluids devices by combining additive manufacturing and optimization technologies



Prof. Yosuke Hasegawa
institute of industrial Science, The university of Tokyo
Interfacial Transport Engineering Lab

Day 2 : Sponsor Seminar by GE Additive

GE Additive × NIHON SEIKI
Innovation of Molding by Additive Manufacturing , leading mold company's challenge

Mr. Tatsuya Hongo
GE Additive
Senior Sales Director

Mr. Masato Matsubara
NIHON SEIKI
Managing Director

【Abstract】
Explain our additive technology and experience for mold application. In addition Nihon Seiki Corporation, leading mold company using our machine will explain their additive manufacturing experience utilizing SKD61 material. Progress of additive technology for mold application and it's added value for molding application will be explained.

TCT Conference

Day 2 : Case Study of digitalization by AM technology
Organizer : METI KANSAI , TCT Japan, 3D Manufacturing Promotion Association

Greeting, Kansai 3D Printing Technology Project Initiatives

Mr. Hiroyoshi Kuroki
METI-KANSAI
Next-Generation Industry and Information Policy Division, Economic Policy Department
Director

GE's approach to metal additive technology, innovation and industrialization

Mr. Tatsuya Hongo
GE Additive

「Regaining control of your production with AM Post Processing workflow automation
AM Workflow automation - The Next step in automating AM-Factories, to deliver affordable custom products and reduce the global carbon footprint」

Mr. Carlos Zwikker
AM Flow
Chief Commercial Officer

Siemens

Mr. Takahiro Maruyama
Siemens
Portfolio Development
Director

A software platform to connect applications and a variety of AM machines for mass production

Mr. Tsuyoshi Kobayashi
Materialise Japan

EOS Electro Optical Systems Japan

Mr. Yasuaki Hashizume
EOS Electro Optical Systems Japan
Regional Manager

TCT Conference

Day 3 : 【Panel Discussion】 AM

[Facilitator]
Mr. Hiroyuki Maruoka
Marubeni Information Systems
Application Development Sec. Modeling Technical Dept. Manufacturing Solutions Div.
Specialist

[Panelist]
Mr. Masahito Kataoka
MITSUBISHI HEAVY INDUSTRIES
Gas Turbine Engineering Department, GTCC Business Division, Energy Transition & Power Headquaters, Energy Systems
Senior Manager

[Panelist]
Mr. Sakai Hitoshi
NTTDATA XAM Technologies
CTO

[Panelist]
Mr. Hiroshige Masuo
Metal Technology

[Panelist]
Ms. Chiyo Nagano
TUV SUD Japan
Additive Manufacturing Expert

Day 3 : OPTIMIZATION - BREAKTHROUGHS AND FUTURE OPPORTUNITIES

Recent progress in micro/nano 3D printing: Innovative 3D-printed products created by new technologies and materials

Prof. Shoji Maruo
YOKOHAMA National University

Technology trends in plasma AM powder processing

Mr. Hirotomo Itagaki
National Institute of Advanced Industrial Science and Technology
Advanced Manufacturing Research Instituite

The basic technologies in Resin 3D Printing.

Mr. Kiyoshi Yamaguchi
Japan Industrial 3D Printing Technology Association

Latest Trend in 3D Printing Business and Technologies from US and Europe

Mr. Hideaki Oba
Japan 3D Printing Industrial Technology Association

TCT Introducing Stage

Physical Seminar @Tokyo Big Sight Day 1

Leverage Velo3D's advanced end-to-end manufacturing solution to unlock your design freedom without compromise / TAIYO NIPPON SANSO's gas technology to solve practical AM manufacturing issues
VELO3D

The keys to implement AM technology - experience in the Aerospace business and future initiatives
NTT DATA XAM Technologies

Carpenter Additive provides End-to-End Manufacturing Solutions. We offer standard and custom powders, material handling strategies and consultative development to industrialize your AM needs.
LPW Technology Japan t/a Carpenter Additive

Stratasys(Plastics)/Desktop Metal(Metals) ;Latest information of 3D printing systems, materials and applications
Marubeni Information Systems

Jig manufacturing using carbon fiber compatible 3D printer "Markforged"
Data Design

Introducing the new model "3DUJ-2207" that enables full-color 3D modeling with more than 10 million colors at a main unit price of 4 million yen (tax included) or less
MIMAKI ENGINEERING

Debinding and Sintering Technology of Metal Additive manufacturing
Shimadzu Industrial systems

The potential of additive manufacturing by new laser technology
TRUMPF

Physical Seminar @Tokyo Big Sight Day 2

AM Technology for Future Monozukuri Development
Yamaichi Special Steel

How to use AM technology to enhance product competitiveness -brand new service that approaches to the challenges of implementing AM-
SOLIZE

Cost and Quality on AM business - 3 Things to Consider Before Investing –
TUV SUD Japan

"Manufacturing jigs rapidly with automatic design"
3D Printing Corporation

Engineering-driven design: a new foundation
nTopology

Process development for pure copper in single mode fiber laser SLM process
Aichi Sangyo

TCT Introducing Stage

Physical Seminar @Tokyo Big Sight Day 3

AM Technology for Future Monozukuri Development
Yamaichi Special Steel

Metal binder jetting, Digital Metal Latest update
Hoganas Japan

Possibility of large 3D printer for open material using carbon material
Irisu

LSPc technology of the latest 3D printer "Nexa NX E400“
FASOTEC

Can 3D printer be a solution for issues in manufacturing for the future?
JSR

The first practical SLS 3D printer Fuse 1 is changing manufacturing
Formlabs

Introducing WAYLAND Additive, Calibur3, "Neu Beam (e-beam) Technology" Additive Manufacturing Metal 3D Printer.
"Neu Beam Technology"
HTL Co.Japan

Online Seminar

Leveraging Additive Manufacturing will bring out innovation on production of spare parts -now and future of spare parts, looking at the study cases in Japan-
Mr. Masashi Maeda
SOLIZE

Opening New Avenues in Aerospace AM with Stitching Success: The Premium AEROTEC and GE Additive Story
Mr. Thomas Bielefeld
Premium Aerotec

Exhibitor List

Company Name	Booth Number
3D Printing Corporation	3G-21
Afit Corporation	3E-16
Aichi Sango	3P-19
APPLE TREE	3G-13
Applied Physics Technologies, Inc.	💻
Brule	3P-20
Carbon	3J-19
Carpenter Additive Japan	3A-16
Cubicure	3R-17
CMET	
Daikin Industries,	💻
Data Design	3P-10
FASOTEC	3W-13
Formlabs	3E-10
Brule	
Yokoito	
DataDesign	
FusionTechnology	3L-13
GE Additive	3M-19
GF Machining Solutions	3R-14
Hoganas Japan	3U-13
HOTTY POLYMER	3C-16
HTL Co. Japan	3U-17
Japan 3D Printer	3C-13
JEOL	3G-10
JX Nippon Mining & Metals	3A-17
TANIOBIS Japan	
TOHO TECHNICAL SERVICE	
Alloyed Japan	
K.K. IRISU (C.ILLIES & CO.,LTD.)	3L-10
Kansai-3Dtechnology Project	3G-19
Kurama	3P-16
KURIMOTO	3L-19
KYOEI SANGYOU	3U-19
Marubeni Information Systems	3T-10
Materialise Japan	3R-16
Metal Technology	3W-17
Kobe Material Testing Laboratory	
Mimaki Engineering	3U-14
Morimura Bros.,	3L-17

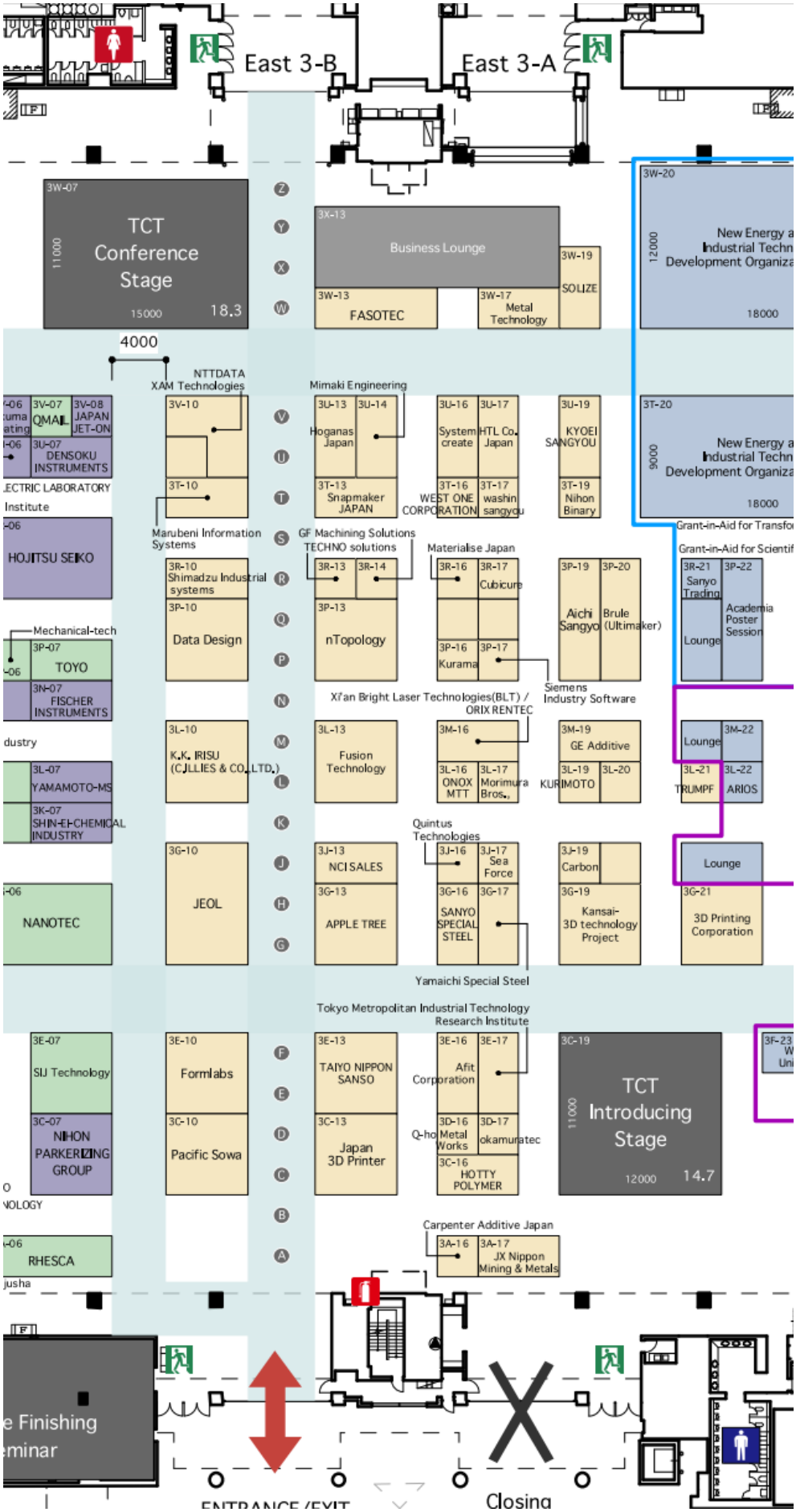
Number of Exhibitors

66 exhibitors

NCI SALES	3J-13
Nihon Binary	3T-19
nTopology	3P-13
NTTDATA XAM Technologies	3V-10
okamuratec	3D-17
ONOX MTT	3L-16
Pacific Sowa	3C-10
Q-ho Metal Works	3D-16
Quintus Technologies	3J-16
SANYO SPECIAL STEEL	3G-16
SeaForce	3J-17
Shimadzu Industrial systems	3R-10
Siemens Industry Software	3P-17
Snapmaker JAPAN	3T-13
SOLIZE	3W-19
Systemcreate	3U-16
TAIYO NIPPON SANSO	3E-13
TECHNO solutions	3R-13
Tokyo Metropolitan Industrial Technology Research Institute	3E-17
TRUMPF	3L-21
washinsangyou	3T-17
WEST ONE CORPORATION	3T-16
Lehmann&Voss&Co. KG	
Xi'an Bright Laser Technologies (BLT) / ORIX RENTEC	3M-16
ORIX RENTEC	
Yamaichi Special Steel	3G-17

💻 Digital Exhibitor

Floor Plan


East 3-B
East 3-A
TCT Conference Stage
Business Lounge
FASOTEC
Metal Technology
SOLIZE
New Energy a Industrial Techn Development Organiza
4000
NTTDATA XAM Technologies
Mimaki Engineering
QMAL
JAPAN JET-ON
DENSOKU INSTRUMENTS
Hoganas Japan
System create
HTL Co. Japan
KYOEI SANGYOU
Snapmaker JAPAN
WEST ONE CORPORATION
washin sangyou
Nihon Binary
HOJITSU SEIKO
Marubeni Information Systems
GF Machining Solutions
TECHNO solutions
Materialise Japan
Shimadzu Industrial systems
Data Design
nTopology
Cubicure
Kurama
Aichi Sangyo
Brule (Ultimaker)
Sanyo Trading
Academia Poster Session
Lounge
Mechanical-tech
TOYO
FISCHER INSTRUMENTS
Xi'an Bright Laser Technologies(BLT) / ORIX RENTEC
Siemens Industry Software
K.K. IRISU (CJLLIES & CO.,LTD.)
Fusion Technology
GE Additive
ONOX MTT
Morimura Bros.,
KURIMOTO
TRUMPF
ARIOS
YAMAMOTO-MS
SHIN-ETCHEMICAL INDUSTRY
Quintus Technologies
JEOL
NCI SALES
Sea Force
Carbon
APPLE TREE
SANYO SPECIAL STEEL
Kansai-3D technology Project
3D Printing Corporation
NANOTEC
Yamaichi Special Steel
Tokyo Metropolitan Industrial Technology Research Institute
SIJ Technology
Formlabs
TAIYO NIPPON SANSO
Afit Corporation
TCT Introducing Stage
NIHON PARKERIZING GROUP
Pacific Sowa
Japan 3D Printer
Q-ho Metal Works
okamuratec
HOTTY POLYMER
RHESCA
Carpenter Additive Japan
JX Nippon Mining & Metals
e Finishing
minar
ENTRANCE/EXIT
Closing

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Organizer
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Date
February 1 (Wed.) – 3 (Fri.), 2023

Venue
Tokyo Big Sight (East Hall & Conference Tower)

Prospectus https://www.tctjapan.jp/pdf/TCT2023_E.pdf

Online Application Form
https://www.tctjapan.jp/pdf/TCTJ2023_termsconditions_en.pdf

CONCURRENT EVENTS

nano tech 2023 International Nanotechnology Exhibition & Conference
MEMS SENSING & NETWORK SYSTEM 2023
Surface Technology Creates New Business ASTEC2023
SURTECH 2023
CONVERTECH 2023
FLEX2023
3DECO tech 2023
neo functional material 2023
GREEN MATERIAL 2023
InterAqua 2023
ENEX 2023 Energy and Environment Exhibition
DER Microgrid Japan 2023
RENEWABLE ENERGY 2023 第17回再生可能エネルギー世界展示会&フォーラム

Contact :

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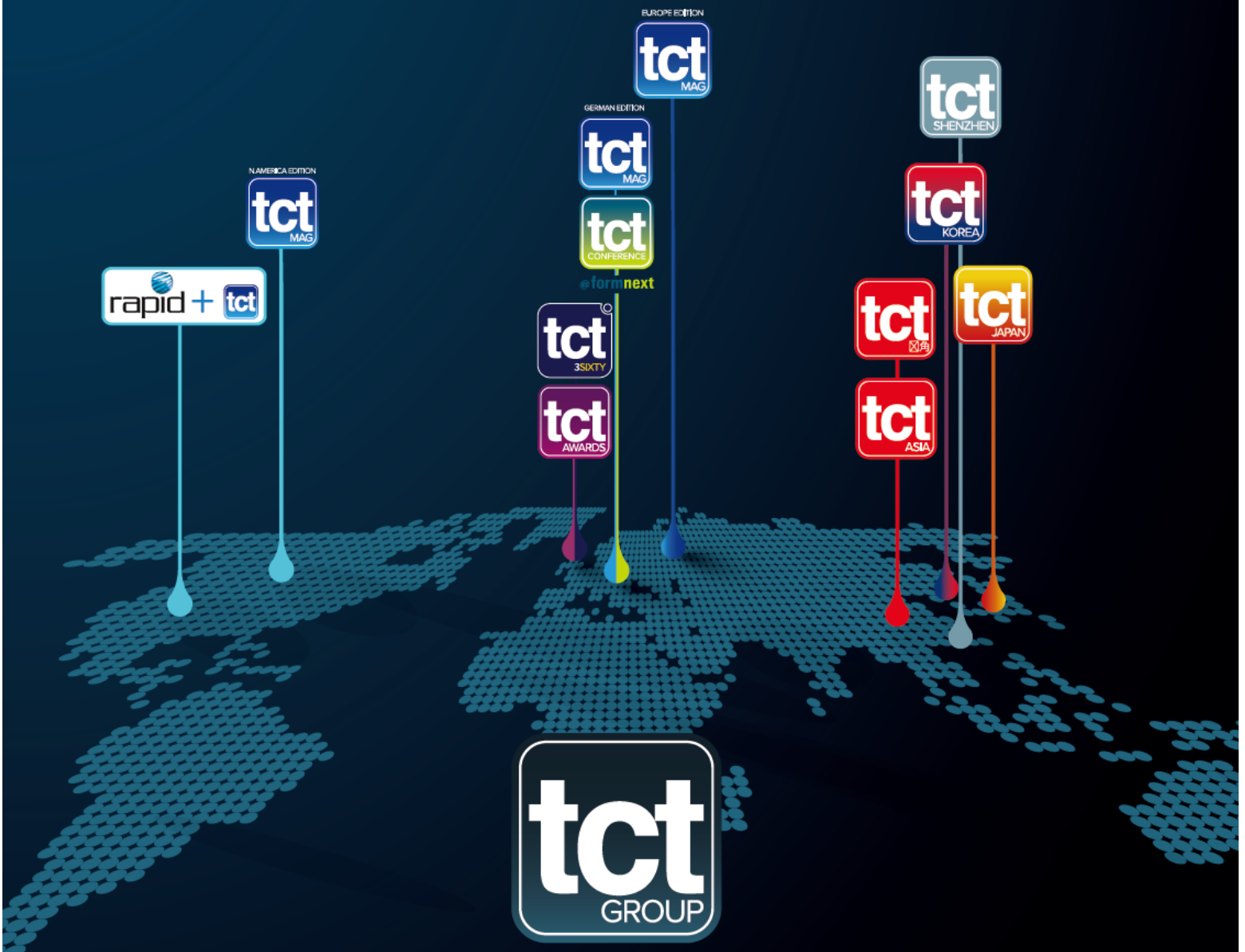
DESIGN-TO-MANUFACTURING INNOVATION



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