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Chester, UK, 16<sup>th</sup> August 2019

## An Exclusive Look at TCT Show 2019

The world-leading event for Design-to-Manufacturing Innovation is back!

On 24th September **TCT Show** will open its doors to almost 10,000 visitors from 80 different countries, for the 3-day event. The event will showcase the latest additive manufacturing technology solutions and innovations from nearly 300 leading exhibitors from across the globe including HP, Ultimaker, Trumpf, BOC, Formlabs, Siemens and Renishaw.



As a visitor to the event, you'll be inspired and gain insights from the world-class conference and seminar programmes held across 4 stages: TCT Summit, TCT Tech Stage, TCT Introducing Stage and TCT Insights Stage.

Renowned for their high-calibre influential speakers, TCT Show will this year raise the bar further debuting the highly-anticipated **TCT Summit**, a user-led conference which will bring together industry experts and trail-blazers, guaranteeing to enthral the audience with fascinating talks and panel discussions. Featuring presentations on cutting edge-technology, innovation and market intelligence the TCT Summit stage will bring together leading authorities, engineers, designers and renowned academics across aerospace, automotive, rail, healthcare and business sectors. To whet your appetite here are just a few of the discussion topics:

- **[The UK's First Additive Manufacturing Solution for the Rail Industry: Overcoming Certification Challenges for Rail Replacement Parts](#)** - James Brown, Angel Trains and Martin Stevens, DB ESG
- **[Driving Innovation in the Automotive Industry with AM Technologies](#)** - Arash Farboud, Arash Motor Company
- **[An AM Checklist: Separating the Wheat from the Chaff when Buying AM Equipment](#)** - Todd Grimm, T. A. Grimm & Associates
- **[Surviving Disruption in Additive Manufacturing](#)** - Dr Wilderich Heising, Boston Consulting Group
- **[3D Medicine at Mayo Clinic: A Deep Dive into Technology and Philosophy](#)** - Amy Alexander, Mayo Clinic Department of Radiology's Anatomic Modeling Lab

**TCT Tech Stage** this year will host captivating, CPD-certified, sessions on topics surrounding jewellery, powder metallurgy, metrology, and plastics manufacturing. Visitors are also invited to attend the #3DTalk panel session dedicated to software, hosted by Women in 3D Printing & Cyant, featuring female leaders and pioneers in the 3D printing and additive manufacturing industry. A seat at the TCT Tech Stage ensures attendees leave this industry-defining event with even more knowledge than they came with.





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With the rapid growth of 3D technologies across all industry sectors, it is becoming increasingly difficult to keep up with the recent innovations. **TCT Introducing Stage** will showcase inspiring talks, live debates, and interactive sessions on the latest additive manufacturing product developments and services across hardware, software, and ancillaries. The vibrant and dynamic three-day programme is led by TCT Show's most prominent exhibitors including Formlabs, Protolabs, EOS, Materialise, Fraunhofer IWU, and many more. TCT Introducing Stage is a great platform for newcomers and returning visitors to gain more knowledge on technological progress amongst like-minded professionals.

New for 2019, **TCT Insights Stage** will shine the spotlight on the essential aspects required to understand the entire spectrum of the current and emerging additive manufacturing technologies. The programme includes an ever-popular workshop on the fundamentals of AM, delivered by Graham Tromans, ideal for attendees newly initiated to the 3D printing industry.

This stage is also a host to the TCT Additive Insight Podcast, presented live by the expert TCT Content Team. By focusing on the past, present and the future of additive manufacturing, the three episodes will explore achievements and innovative 3D printing breakthroughs, influential and pioneering technology currently showcased at the TCT Show, and glimpse into the next generation of developments in the pipeline.

This superb content provides a deep delve into AM insights and guarantees to enhance every visitor's experience by imparting crucial knowledge about the technology presented at the TCT Show.

Also new to TCT Show 2019 is **TCT Connect**, this year in association with HP. The networking platform will provide an interactive networking space for professionals in the design-to-manufacturing industry where they can exchange ideas and ultimately facilitate business growth.

***“The diversification of features at TCT Show reflects the changing landscape for the wider design-to-manufacturing community. TCT Connect, provides a streamlined and efficient way for buyers and sellers to conduct business and build stronger relationships face-to-face — something we believe is increasingly important in the modern world.”***

James Woodcock,  
VP Content, Strategy & Partnerships - Rapid News Group

## Product Launches at TCT Show 2019

With many new and **exciting product launches**, this year's TCT Show is set to offer a greater learning experience for current users and those looking to acquire new technology.

Visitors will be able to see performance 3D printing in action with **MakerBot**, the desktop 3D printing leader's award-winning 3D printers on display, including its industrial-grade 3D printer, METHOD, new PETG material, and its upcoming latest innovation.





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**nTopology** has a radical new approach to product development, computational modeling, that bridges the gap between advanced manufacturing machines and the engineering software needed to optimise designs and drive production. On display on the nTopology stand will be examples of digital designs as well as additively-manufactured/3D-printed products created using the software (without STL files!).



**OxMet Technologies Ltd** will introduce its range of high-performance nickel, titanium and aluminium alloys for additive manufacturing, revealing the development rationale and process behind their manufacture.



**EnvisionTEC** will be at TCT show with the latest range of groundbreaking 3D printers and materials for a cross section of industries. See the latest Perfactory P4K model DLP printers that utilise a true 4M pixel projector. P4K models utilise this high resolution together with Artificial Intelligence to deliver the highest accuracy and truly outstanding surface finish.



Also see the new Envision One printer that uses EnvisionTEC's patented domeless cDLM technology. These models are not only blazingly fast (capable of 45mm/hr in some cases), but also incredibly accurate. With materials for both manufacturers and the Dental/Orthodontic market, come and see them for yourself.



**Stratasys** will demonstrate their expertise across multiple sectors. The recently-launched F120 3D Printer will make its UK debut. They will also showcase how 3D printing is making an impact within the aircraft interiors market by customising cabins, with a life-size business class pod on-stand to highlight the possibilities.

## TCT Awards 2019

25th September 2019

Celebrating the innovators, technologies and collaborators behind the leading examples of Additive Manufacturing, 3D Printing, Design and Engineering across the globe – The **TCT Awards** are set to showcase these world-leading projects as well as recognising the most influential and impactful members of the additive manufacturing industry in the TCT Hall of Fame.

Three new awards will debut this year, including the **TCT Women in 3D Printing Innovator Award** as well as the Inspex Application Award and Inspex Hardware Award.

Awards finalists for our debut award:  
*TCT Women in 3D Printing Innovator Award*





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Hosted by tech journalist and presenter, [Georgie Barratt](#), the ceremony will see the brightest and most revolutionary minds of the 3D printing world come together to celebrate winners across 15 categories.



Finalists for this year's prestigious awards include Sauber Motorsport AG, Ford Motor Company, NHS, Whirlpool EMEA, BMW Group and Air New Zealand.

***"The TCT Awards evening will once again provide a showcase of the most innovative applications and products from across the event, the awards allows us to recognise those pioneers whose work - past and present - has shaped the industry around us. It also acts as a focal point for the community allowing everyone to enjoy some food, drinks and entertainment together."***

James Woodcock  
VP Content, Strategy & Partnerships - Rapid News Group

Finally, CREATE Education will join forces with Rapid News Group to bring the [Inspired Minds](#) Classroom back to TCT Show 2019. The Inspired Minds Classroom provides an introduction to the fascinating realm of 3D printing for students in years nine and ten. Students will embark on this three-hour journey, culminating in a visit to the actual show where they will be able to interact with exhibitors and see the latest innovations up close.

**TCT Show is the place for insight, intelligence and inspiration and more importantly is where companies come to do business.**

TCT Show will take place in Halls 3 and 3A of the National Exhibition Centre (NEC), Birmingham, UK, from 24-26 September 2019.

For further information or to register for your free ticket visit: [www.tctshow.com](http://www.tctshow.com)

**#TCTShow**

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### **Notes to the Editor: TCT Show – The Event for Design-to-Manufacturing Innovation**

The TCT Show, a world leading event focused on additive manufacturing, 3D printing, design and engineering technology, is part of the TCT Group whose mission is to accelerate the adoption of technologies and innovations that play a part in the design-to-manufacturing process chain.

The group's events and media products now deliver business-critical insights, intelligence and inspiration across Europe, North America and Asia on 3D printing, additive manufacturing, CAD/CAM/CAE, metrology, inspection and materials as well as highlighting the latest developments in conventional manufacturing processes such as moulding, casting and CNC machining.





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For over 20 years, TCT Show has set the agenda for product development, engineering and manufacturing professionals, bringing together experts, world-class speakers, nearly three hundred exhibiting companies and almost 10,000 attendees from 80 countries.

Attendees from across the complete spectrum of industry attend to explore the current state of the art and get an insight into the future. They attend with a view to acquiring products and solutions to achieve the goal of world-class design and manufacturing functions within their organisations.

The TCT Group ([www.thetctgroup.com](http://www.thetctgroup.com)) is owned by Rapid News Publications Ltd ([www.rapidnews.com](http://www.rapidnews.com)) a member of the AEO (Association of Event Organisers) and BPA Worldwide.

### For further information:

Visit - [www.tctshow.com](http://www.tctshow.com)

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### Contact us:

#### Jane Hughes

Group Marketing Manager

[Jane.hughes@rapidnews.com](mailto:Jane.hughes@rapidnews.com)

+44 1242 903702

#### Amanda Hull

Special Projects Manager

[Amanda.hull@rapidnews.com](mailto:Amanda.hull@rapidnews.com)

+44 1244 952522

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