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**Renishaw to speak at AMUG conference 2024**

Global engineering technologies company, [Renishaw](https://www.renishaw.com/en/renam-500-metal-additive-manufacturing-3d-printing-systems--37011?utm_source=StoneJunction&utm_medium=HN&utm_campaign=AMUG+&utm_id=REC803&utm_term=REC803&utm_content=owned), will attend the [Additive Manufacturers Users Group (AMUG)](https://www.amug.com/) conference 2024, taking place from March 10th to 14th in Chicago, USA. During the event, Renishaw will showcase the benefits of its latest AM technology and there will be a talk by Kevin Brigden, Additive Manufacturing Applications Engineering Manager.

Brigden will host a platinum speaker session on Monday, March 11th to share the productivity improvements being seen from the development of Renishaw’s [TEMPUS™ technology](https://www.renishaw.com/en/tempus-technology--48426), an upgrade now available for the company’s RenAM 500 series of metal additive manufacturing (AM) systems. Productivity is a known hurdle to the mass adoption of AM technologies, including metal laser powder bed fusion. However, by allowing the system lasers to fire at the same time as the recoater is moving, TEMPUS technology can save up to 50% of build time (depending on build geometry). What’s more, this additional process speed requires no compromise in part quality.

At the AMUG conference, attendees will see demonstrations of a Renishaw [RenAM 500Q](https://www.renishaw.com/en/renam-500q--48429) system with TEMPUS technology, as well as a display of parts printed on the system to showcase its capabilities. For example, by using TEMPUS technology, Spanish metal AM specialists MADIT were able to reduce build time on a tubular automotive component from 13 hours, 43 minutes to under seven hours. Visitors will also see other parts produced on the new system, including advanced material parameter sets enabling low overhang prints, and craniomaxillofacial (CMF) implants from KLS Martin. Certified FAA Class 1 components in titanium from Tronosjet Maintenance will also be on display to demonstrate the breadth of capabilities of Renishaw’s AM offering.

“AMUG is a great opportunity to network and share advancements with other AM users across various industries,” said Kevin Brigden. “We are excited to share the technological fundamentals of the RenAM 500 system processes and highlight our initial findings from the introduction of TEMPUS technology, as well as discovering what others in the industry are developing.”

The [RenAM 500 series](https://www.renishaw.com/en/renam-500-metal-additive-manufacturing-3d-printing-systems--37011) of metal AM systems is configurable with one (500S) or four (500Q) high-power 500W lasers, and automatic or flexible (Flex) powder and waste handling. Launched at Formnext 2023, the [RenAM 500 Ultra](https://www.renishaw.com/en/renam-500-ultra--48428) is the latest addition to Renishaw’s RenAM 500 series of metal AM systems. The RenAM 500 Ultra builds on the successful RenAM 500 series and offers new TEMPUS technology and advanced process monitoring.

AMUG aims to bring together people in the AM industry to share expertise, best practices, challenges, and application developments in additive manufacturing.

For further information on the RenAM 500 series, visit [https://www.renishaw.com/en/renam-500-metal-additive-manufacturing-3d-printing-systems](https://www.renishaw.com/en/renam-500-metal-additive-manufacturing-3d-printing-systems--37011?utm_source=StoneJunction&utm_medium=HN&utm_campaign=AMUG+&utm_id=REC803&utm_term=REC803&utm_content=owned)

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**Notes to editors**

**About Renishaw**

Renishaw is a world leading supplier of measuring systems and manufacturing systems. Its products give high accuracy and precision, gathering data to provide customers and end users with traceability and confidence in what they’re making. This technology also helps its customers to innovate their products and processes.

It is a global business, with over 5,000 employees located in the 36 countries where it has wholly owned subsidiary operations. The majority of R&D work takes place in the UK, with the largest manufacturing sites located in the UK, Ireland and India.

For the year ended June 2023 Renishaw recorded sales of £688.6 million of which 95% was due to exports. The company’s largest markets are China, USA, Japan and Germany.

Renishaw is guided by its purpose: Transforming Tomorrow Together. This means working with its customers to make the products, create the materials, and develop the therapies that are going to be needed for the future.

Further information at [www.renishaw.com](http://www.renishaw.com/)