

“The Vicenza Symposium”

Technology, Innovation, And The Future Of The Industry

At The Core Of The New Biennial Event Dedicated To The Hi-Tech And Luxury Jewellery Sector

- From September 2 to 4, 2025, 21 international speakers will gather in Vicenza to discuss a wide range of topics, including emerging technologies, Artificial Intelligence, and 3D printing



The goldsmith and jewellery industry is ready to take a decisive step into the future with the debut of The Vicenza Symposium, taking place from September 2 to 4, 2025, in the exclusive setting of the Palladian Basilica, in the heart of Vicenza.

This international platform, designed for professionals, academics, and industry leaders, will focus on technological evolution and the new production paradigms transforming the jewellery and goldsmith sectors. From its very first edition, it positions itself as a driving force for innovation. The symposium will serve as a key moment for discussing the changes and innovations reshaping the world of jewellery and fashion accessories, effectively acting as a prelude to the September edition of Vicenzaoro (September 5–9). The event will revolve around three main thematic areas: "Innovation and Advanced Processes," "Quality and Finishing Processes," and "Sustainability and Regulations".

Artificial Intelligence as a Lever for Efficiency and Creativity

One of the key topics of the 2025 edition is Artificial Intelligence (AI), a technological pillar underpinning the entire sector's transformation. The uses of AI in jewellery are many and rapidly evolving: from automated design and predictive defect management to production flow optimization and data-driven quality control. A particularly innovative case study will focus on a new generation of intelligent machines for gemstone setting, capable of learning and replicating

artisans' gestures with extreme precision. Rather than replacing the human touch, this technology is meant to complement it, automating repetitive tasks to free up time for creativity and the uniqueness of manual craftsmanship.

"We believe in a manufacturing process where innovation supports, rather than replaces, artisanal skill. Its truest form is not to deny tradition, but to equip it with new tools to thrive," said Damiano Zito, President of The Vicenza Symposium.

3D Printing: The New Frontier for Gold and Platinum

Another major highlight will be 3D printing, which is increasingly central in production processes due to its ability to combine customization, sustainability, and waste reduction. The benefits of Selective Laser Melting (SLM) and Binder Jetting technologies, when applied to precious metals like gold and 950 platinum, will be analyzed in detail and compared with traditional techniques such as investment casting.

These advanced methods now make it possible to produce semi-finished products with complex geometries and top-quality finishes, reducing production time and enhancing final product quality. Research presented at the Symposium will also highlight 3D printing's role in lowering environmental impact, a key concern for both consumers and global markets.

Optics, Software, and Quality Control: An Innovation Ecosystem

Beyond the main themes, significant advancements will also be presented in the field of advanced optical solutions for 3D printing of reflective alloys, with new laser technologies that improve surface finish and reduce the need for post-processing.

In terms of quality control, the integration of data-driven and AI-based tools now allows even small businesses to predict production issues and take targeted actions—optimizing resources and improving product reliability. The outcome: greater operational efficiency, lower costs, and improved competitiveness.

Three Days Dedicated to an International Community of Experts and Innovators The Vicenza Symposium is a technical and cultural knowledge-sharing network spread over three days, featuring 21 international speakers presenting the latest research and innovations across 7 daily sessions, tailored to a highly qualified audience.

Each session will be followed by interactive Q&A opportunities, enabling direct engagement with speakers and the exchange of practical experiences and solutions.

With a content-rich program and a strong future-oriented vision, The Vicenza Symposium aims to position itself as a global platform where technical culture meets strategic foresight—and where craftsmanship finds a powerful ally in technology.

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