ZIGURAT to Host the Second AI Congress for Architecture & Construction

2 months ago

[ZIGURAT Institute of Technology](#) will host in March the second edition of the AI Congress for Architecture & Construction, an international online event bringing together AECO industry experts to explore how artificial intelligence can deliver real value in projects through proper data management.

The congress will take place in three languages to facilitate participation from professionals across different markets:

- 18 March – Spanish and Portuguese editions
- 25 March – English edition (16h GMT+1)

The event reflects ZIGURAT's commitment to fostering professional debate on the real impact of artificial intelligence in architecture, engineering and construction.

As artificial intelligence becomes increasingly integrated into design, planning and project management processes, one of the main challenges for AECO organisations lies in data quality, organisation and interoperability.

Without reliable and well-structured data, AI does not simply lose effectiveness — it can amplify errors, lead to poor decisions and directly impact project profitability.

The ZIGURAT AI Congress will address this challenge by exploring how to move from AI experimentation to real operational implementation in projects.

Key topics to be discussed include:

- How to avoid costly AI mistakes caused by poor data management
- How to organise and connect fragmented project data without increasing technical complexity
- How to combine human expertise and AI to improve productivity and measure impact through clear KPIs

Industry experts

The congress will feature professionals working at the forefront of artificial intelligence, data and digital transformation in architecture and engineering projects.

The English edition will feature:

- Lilian Ho, Associate Director Digital & BIM Lead at AECOM and Director of the [Master's in Artificial Intelligence for Architecture & Construction](link) at ZIGURAT
- Tiago Caldeira, Director of Solutions at Contango
- Sidrah Hassan, AI Ethics and Strategy Advisor at Ethical AI Alliance

Through their presentations, the speakers will share real-world experiences, operational challenges and best practices for integrating AI into AECO workflows.

The AI Congress is becoming a meeting point for professionals seeking to understand how artificial intelligence can be strategically and safely applied in architecture and engineering projects.

As digital transformation accelerates across the sector, initiatives such as this congress provide an opportunity to examine not only the potential of AI, but also the risks associated with its implementation when data governance is not properly addressed.

Register for the congress [here](link).