

SEMINAR

Wednesday, 12.6.2024, 11:00, Kolar's Lecture Hall

Current technologies at CIM UPC

Louison Poudelet, CIM-UPC (Spain)

The Centre CIM was established during the 1989-90 academic year as a computer-integrated manufacturing laboratory within the School of Industrial Engineering of Barcelona at the Polytechnic University of Catalonia (ETSEIB-UPC). Founded by professors from the school, the Centre CIM was designed as a paradigm for developing and testing innovative technologies, functioning as a "Clinical Hospital for Manufacturing Engineering" and providing services to local businesses.

Over the years, the Centre CIM has solidified its position as a leading technological center, becoming a private foundation in 2005 (Fundació Privada Centre CIM) with its own legal identity. Its mission expanded to serve as an open innovation center in the field of production technologies, contributing to the expertise in engineering and technology management within a stimulating and high-tech environment from the Diagonal Campus in Barcelona.

CIM UPC focuses its research and development activities on production technologies and information and communication technologies (ICT). We possess extensive experience in production systems, particularly in machining technologies, additive manufacturing, and metrology. Our innovations include the development of proprietary manufacturing equipment such as material extrusion and construction sector printing systems, leading to the establishment of technology-based companies like BCN3D, Aridditive, and PowerDiW.

This presentation will provide an overview of the current technologies available at CIM UPC and our proprietary technology developments, highlighting our role as a bridge between academia and industry.

Kindly invited.