Wednesday, March 31, 2027

ADVANCED FACTORIES EXPO & CONGRESS

	AUDITORIUM 1	AUDITORIUM 2	AUDITORIUM 3	FACTORY INNOVATION THEATER	WORKSHOP ARENA
10:00 h MORNING SESSIONS 14:00 h	**CEO'S LEADERSHIP SUMMIT** **WELCOME** Next Industrial Era: From Automation to Intelligence Manufacturing in the New World: Geopolitics, Tariffs, AI and Chips Industry 4.AI: CEO Leadership **OPENING CEREMONY** The Self-Deciding Organization: Governing Companies with AI Agents	**AUTOMOTIVE** Who Will Manufacture Cars in Spain in 2030? The Multi-Platform Production Line: How Far Can Real Flexibility Go? Global Digitalization, Local Execution From Design to Manufacturing in 24 Months: How to Compete with the Chinese Market	**DEFENSE** The Decade of Industrial Rearmament: Capacity, Not Rhetoric From Civil to Dual-Use: Converting a Production Line for Two Worlds Industrial Experience: Building Defense Industry Capacity from Scratch **ELECTRONICS** AI and Robotics in High-Precision Electronics Manufacturing The Qubit Supply Chain	**ROBOTICS SOLUTIONS**	**AUTOMATION SOLUTIONS**
14:00 - 15:30	**CEO'S LEADERSHIP SUMMIT LUNCH**				
15:30 h AFTERNOON SESSIONS 18:00 h	Spain and Its Industry: What Will Our Industry Look Like in 2035? Industrial SMEs and Europe's Innovation Muscle The Cost of Not Going Digital: A Decade of Measured Competitiveness The Industrial Capabilities of Local Governments	**ROBOTICS & AUTOMATION FORUM** European Robotics at the Forefront Humanoids: From Pilot to Production – The Numbers Physical AI and Humanoids: Teaching Robots to Understand Context Humanoid, Robotic Arm or AMR: The Honest Business Case	**MOBILITY INDUSTRY** New Ways to Move the World II: Mobility Made in Europe Boats, Docks and Shipyards: Digital Twins That Talk to Each Other IAerospace and Aeronautics: Lessons Learned from the Wright Brothers From AI to VIA: Reinventing the Railway Sector	**MACHINE VISION SOLUTIONS**	**CIAC - RACÓ DE INNOVACIÓ 4.0 INCUBATOR**
18:00 - 20:00	**WELCOME PARTY**				

Thursday, 1 April 2027

ADVANCED FACTORIES EXPO & CONGRESS

	AUDITORIUM 1	AUDITORIUM 2	AUDITORIUM 3	FACTORY INNOVATION THEATER	WORKSHOP ARENA
	CIO'S SUMMIT	OIT SUMMIT (IT/OT)	HEALTH & PHARMA		
10:00 h MORNING SESSIONS 14:00 h	Industrial 4.AI: The Physical World of Synthetic Data Digital Twin: Real Data vs. Synthetic Data Failed PoCs: The Untold Story of Industrial Learning Budgeting for Industrial AI: From Hype to the Production Line Data Sovereignty: From the Data Space to the Cloud Contract	OIT: When the IT and OT Worlds Talk to Each Other Integrating Plant Systems: From PLM to the Cloud, the Factory Without Interaction The Virtual PLC: Software-Defined Automation and Kubernetes on the Shop Floor Edge + Cloud: A Single Architecture	Keep the Batch Running: The New Hyperautomation in Pharma Data Integrity: From Design to Inspection Industrial Experience: Robotizing the Aseptic Line Serialization on the Move: Pharma Intralogistics	SOFTWARE SOLUTIONS OT/IT SOLUTIONS	SUSTAINABILITY SOLUTIONS
14:00 - 15:30	CIO'S SUMMIT LUNCH				
		CYBERSECURITY FORUM	ENERGY, GREENTECH & CHEMICALS		
15:30 h AFTERNOON SESSIONS 18:00 h	The Regulatory Grey Area: Data Act, Machinery Regulation 2027 and AI Act – What Am I Signing? Industrial Experience: The AI That Won Over the CFO Data Spaces: Reality, functionality and profitability Small Models, Big Plant: Local AI to Protect Industrial Intellectual Property	Six Weeks Without Production: Anatomy of an Insolvency Caused by Ransomware CRA: The Countdown Has Already Begun Machinery Regulation: Functional Safety Is Now Cybersecurity Securing the Agent: Cybersecurity for AI with OT Access	Manufacturing with the Most Expensive Electricity on the Continent CO_2 on the P&L: Price, Hedging and Margin Electrifying Process Heat: The Projects That Already Have Funding Spain's Chemical Industry Faces Its Decisive Decade	PREDICTIVE MAINTENANCE SOLUTIONS	3D PRINTING SOLUTIONS
18:00 - 20:00	FACTORIES OF THE FUTURE AWARDS 2027				

Friday, 2 April 2027

ADVANCED FACTORIES
EXPO & CONGRESS

	AUDITORIUM 1	AUDITORIUM 2	AUDITORIUM 3	FACTORY INNOVATION THEATER	WORKSHOP ARENA
	PLANT MANGERS SUMMIT	FOOD & BEVERAGE	AMT · METAL INDUSTRY 4.0		
10:00 h MORNING SESSIONS	The new manufacturing era: ¿dark or live?	The Digital Twin That Delivered ROI	Defense as a Customer: The Machine Shop Manufacturing for Major Programs	AER AUTOMATION DAY WITH EUROPEAN ROBOTICS	INTEGRATED SYSTEMS SOLUTIONS
	Modernizing the Plant at 2027 Speed: Legacy, Retrofit and People	Packaging, CBAM and the Digital Product Passport: The New Traceability	From Order to Delivery Without a Single Drawing: The Paperless Machine Shop		
	The Plant Manager of the INDUSTRY.4AI Decade	AI on Food-Grade Lines: Waste, Vision and Predictive Quality	The Metalworking SME Facing the Digital Leap		
14:00 h	Synthetic Twin Factories: The Next Evolution of the Digital Twin				
	The Hidden Costs of AI on the Shop Floor	Machine Vision at Packaging-Line Speed	Spanish Machine Shops in Global Supply Chains: Exporting Machining Expertise		
14:00 - 15:30	LUNCH BREAK				
		INTRALOGISTICS	INDUSTRIAL EXPERIENCES	NEXT-GEN TALENT ARENA	NEXT-GEN TALENT ARENA
15:30 h AFTERNOON SESSIONS	Prescriptive Maintenance: From Alert to Work Order	The Humanoid in the Warehouse: From the Dock to the Line – Use Cases and Limits	Industrial Experience: Moving the Plant to the Cloud While Keeping the Line Running	NEXT-GEN TECH TOURS	SPEED DATING
	The Autonomous Night Shift: First Real Steps Towards Lights-Out	Orchestrating the Flow: AMRs, People and Production Signals	Industrial Experience: Digitizing Continuous Processes	Industry in the First Person	
	What the Plant Tells the Board: From OEE to the P&L	Automotive Intralogistics: AGVs, Sequencing and Line-Side Delivery	Industrial Experience: The Machine Shop That Doubled Its OEE		
18:00 h		3D PRINTING FORUM		NEXT-GEN TALENT AWARDS	
	Industrial Experience: The Improvement That Survived Day-to-Day Operations	Additive Manufacturing: The Flexibility Industry Needs	Industrial Experience: From Robotics Project to Production Line		
		Metal Additive Manufacturing: Flight-Ready and Production-Program Parts			