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The Engineering City Journal

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The purpose of the Journal is to disseminate knowledge, experience, and best practice in engineering & manufacturing.
The articles are written by practicing professionals in the Engineering City (EC) in Yerevan. They cover issues relevant to their projects, operations, and organizations.
The articles address the challenges of the time. As such, the Journal is also a chronicle of the evolution of the EC, its companies, and its individuals.
It is the aim of the Journal to advance the engineering & manufacturing practice, to enrich the engineering & manufacturing community, and to contribute to the worldwide discourse in engineering & manufacturing.

Table of Contents

ANNOUNCEMENTS CORNER 1
. Armenia Engineering Week (AEW-2026). October 2 – 4, 2026 1
. Main Theme: Physical AI - Engineering Intelligence for the Real World 1
. Invitation Text 1

Announcements Corner

. Armenia Engineering Week (AEW-2026). October 2 – 4, 2026

by Arsen Arustamyan, NIY

. Main Theme: Physical AI - Engineering Intelligence for the Real World

As AI moves from digital environments into physical systems, the critical question is no longer only what models can generate, but what engineered systems can reliably do. Physical AI requires the integration of algorithms, sensors, electronics, control systems, embedded computing, mechanical design, testing, safety, and production capability. AEW 2026 will examine this transition as both a technological frontier and a strategic opportunity for Armenia's engineering economy.

. Invitation Text

This Invitation Text can be used to invite your customers, partners, speakers, and guests.

AEW 2026 will bring together Armenia's high-tech community, international technology leaders, engineering companies, researchers, students, policymakers, investors, and industry partners to explore one of the most important shifts in technology today: the movement of artificial intelligence from digital environments into the physical world. Under the theme "Physical AI: Engineering Intelligence for the Real World," the event will examine how AI is becoming part of machines, devices, factories, vehicles, infrastructure, and industrial systems — and what this means for economic competitiveness, talent development, product innovation, and national technological capability.

This theme is especially relevant for Armenia. With Engineering City developing as a platform for advanced engineering, R&D, prototyping, and collaboration between industry, academia, and global partners, Armenia has an opportunity to strengthen its position beyond software and participate more deeply in the creation of intelligent physical systems. This includes areas such as robotics, embedded systems, semiconductors, industrial automation, mobility, test and measurement, advanced manufacturing, and AI-enabled engineering workflows.

AEW 2026 will frame Physical AI as both a global technology frontier and a strategic opportunity for Armenia. Through keynote talks, discussions, technical showcases, demonstrations, and expo activities, the event will help participants understand where technology is moving, what capabilities will matter, and how Armenia's high-tech ecosystem can connect more effectively to global engineering and industrial value chains.

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