

Embedded Moldova Conference (EMC) 2024, 1st edition

The event will host representatives of the Moldovan Electronics Industry, Embedded Engineering and IT community, Moldovan Industrial SMEs, international companies, business support organizations, academia and technical vocational education institutions aimed at promoting the innovation and industrial development in the Republic of Moldova.

During two working days, May 21-22, 2024, the events will host two conferences on Electronics Industry and Embedded Systems development opportunities and engineering challenges given the latest industry trends and digitalization of the economy.

Altogether, the event is an initiative to:

- inform the electronics, embedded engineering, and business community about the development trends and opportunities;
- promote Republic of Moldova as an investment and nearshoring destination for Embedded systems and R&D;
- raise awareness for the Electronics, Electronics Manufacturing Services (EMS), Embedded Engineering, and R&D topics among the government institutions, business community, development partners, academia and the youth.

Moldova Electronics Forum (MEF), May 21.

The purpose of the forum is to develop an open dialogue with the Moldova Electronics Industry stakeholders on the trends, digitalization opportunities, development and challenges in the Engineering, Electronics and EMS industry in context of EU integration, and geopolitical developments. The forum will bring together national and international representatives from the electronics and EMS industry, decision makers and local companies, to present the electronics industry in Moldova, the capabilities and the potential of the Moldovan electronics industry to contribute to the digitalization of the Economy. IoT and Electromobility are among the main topics bringing together industry representatives from Moldova and abroad. The organizers aim to convey the message that Moldova is open for international business cooperation and willing to increase its presence on local market with own developed products and solutions, and integrate into global value chain. The forum will have an important panel on HR development and electronics industry stakeholders experience sharing, as well as presentation of the salary and benefits survey.



Embedded Moldova Conference (EMC), May 22

EMC is the first Embedded conference in Moldova with purpose to bring together the stakeholders and embedded engineering community, to develop an open dialog on the development opportunities and integration of Tech community into Global Value Chains. The conference will showcase the Embedded systems applications, e.g. Automotive, Medical, IoT, Smart Home, as well as Industrial Automation and Smart Agriculture.

The entire day is dedicated to Moldovan Embedded Programming and its linkages with the local industry, as well as global value chains, forming engineering competencies in the Republic of Moldova.

Also, we want to emphasize talent development to meet the growing request for qualified personnel, embedded engineers, and talents. Complementing the efforts of the local stakeholders is a contribution to shifting the country's focus to engineering activities and its growing potential to steer innovation into the local engineering approaches. The Moldova Innovation Technology Park (MITP) offers unique virtual ecosystem aimed at promoting the embedded engineering and R&D activities related to electronics and industrial companies. This globally emerging sector opens large career opportunities to the youth as well as infinite business opportunities.

The organizers and partners of the event aim to convey the message that engineering and technical education, as well as improving business infrastructure for engineering and R&D related companies are high priorities for Moldova.

One - on - One B2B Meetings

The B2B Meetings will be held in a dedicated space within the Forum and take place in the format of one – on – one meetings, as an initiative to provide both, Moldovan and international companies the opportunity to meet in order to explore the possibilities of cooperation, build and develop linkages, as well as develop new markets.

The one – on – one B2B meetings aim to be highly customized when it comes to business matchmaking. The organizer team will involve and support each participant to organize the perfect business match, according to the needs of each business case.



Engineering Career Fair

At the Engineering Career Fair, national and international companies will promote their vacancies and job offers for graduates and professionals.

Organizers' target is to highlight local industry players and promote local engineering capabilities. Students will participate in hand soldering as well as in Embedded programming contests and quiz.

Engineering Career Fair is organized in the period when students in the last year of study are looking for employment opportunities.

The event comes to complement the efforts of the vocational guidance campaign for high school graduates in choosing a professional career, as well as career development opportunities for technical vocational education students.



Embedded Hackathon

Students interested in Embedded systems will participate in the Embedded Hackathon on 21.05-22.05.2024, which is organized in Tekwill and FabLab venue. 10 teams are expected to participate, and compete in main topic on "Embedded Internet of Things (IoT)". The winners will be awarded for the 1st, 2nd and 3rd places. The participants will get the KITs components with ESP32, STM (slave) Nordic NRF, and will be guided by mentors.

EMBEDDED MOLDOVA CONFERENCE, 1ST EDITION

Agenda May 22, 2024

Format of event: Hybrid. Online streaming on YouTube, LinkedIn, Facebook

Venue: TEKWILL, Imaginarium. Technical University of Moldova, campus Rascani, 9/11 Studentilor street

Language: Translation provided in English, Romanian

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|---------------|--|----------------------|--|
| 08:00 – 09:00 | Registration & Welcoming Coffee. Expo | | Moderated by: Elena Maevski, ACEM |
| 09:00 – 09:20 | Welcoming messages | | |
| | Catalina Plinschi , State Secretary, Ministry of Economic Development & Digitalization | | |
| | Andrei Stratulat , National Program Officer, Economic Development and Employment. Swiss Cooperation Office SDC in the Republic of Moldova | | |
| | Prof. Viorel Bostan , Rector, Technical University of Moldova | | |
| | Marina Bzovii , Administrator Moldova IT Park | | |
| 09:20 – 10:20 | Embedded systems. Automotive applications | | Moderated by: Elena Maevski |
| | Razvan Coban , Global Lead Cybersecurity E-Mobility PREH. | | |
| | Eugeniu Munteanu , AROBS Software | | |
| | Igor Railean , BSW Tech | | |
| | Nicolai Gritco , Quasar Development | | |
| | Practical methods of power transfer, project-specific Embedded SW and Embedded HW activities. Emanuel Botezat , Head of Application System and SW Engineering at Power Electronics. Vitesco Technologies | | |
| | Software defined vehicle. Gabriel Manole , Founder Nouveaux | | |
| 10:20 – 10:40 | Keynote speaker Nick Himowicz , How to turn a new technology into a successful business | | |
| 10:40 – 11:25 | Embedded System, MedTech applications. | | |
| | Roman Nicu , Mechatronics Innovation Center | | |
| | Andrei Roman , Senior Project Manager, AROBS Group | | |
| | Dr. Dumitru Ciorba , Faculty of Computer Science, Informatics & Microelectronics. UTM | | |
| | Artur Burdujan , GBG – MLD | | |
| 11:25 – 12:10 | IoT. Smart home. Industrial Automation | | |
| | Alecu Dragomir . CEO Orcolia Lux, Industrial Automation & Robotics | | |
| | Andrei Bragarenco , IoT in AgriTech | | |
| | Iurie Mocanu , ABC Solution | | |
| | Alexandra Maior , CEO Sales, Steinel | | |
| | Alexandru Mateescu , Innovative solutions, Steinel | | |
| 12:10 – 12:25 | Embedded School, Gheorghe Ghirjev , CEO BSW Tech | | |
| 12:25 – 13:30 | Networking & Brunch | | |
| 13:00 – 14:00 | Project presentations. Embedded Hackathon | | |
| 13:30 – 17:30 | Engineering Career Fair Moderator: Radu Melnic , Director, Centre for Career Counselling (UTM), Director UTM College. Recruiters from industrial companies will join the Engineering Career Fair, the cornerstone event of on and off-campus activities for engineering students. Hand soldering contest Embedded Hackathon awards | 13:00 – 17:30 | One-on-One B2B Meetings Prearranged meetings according to prior registrations of buyers, and SMEs. |
| 09:30 – 17:30 | Exhibition of industrial SMEs Industrial SMEs will present their products, services and prototypes aiming at exploring the possibilities of cooperation with private sector peers and promoting the industry to engineering students. | | |

Organizers:



Partners:



With the support of:



Sponsors:

