

# Industry and University Unity in Iran

## 12th International Seminar on Elevators and Escalators

by Mohammad Masoud Majidifar

The 12th International Seminar on Elevators and Escalators was held with the cooperation of the University of Applied Science and Technology and Iran's union of elevator, escalator and affiliated services with the presence of academic staff and industrialists at the Koosha International Center of Applied Science and Technology in Iran on February 23.

The seminar was held with the presence of Dr. Pishbin, the manager of the University of Applied Science and Technology (Tehran Branch); Eng. Abbas Abrishami, the manager of Iran's union of elevator, escalator and affiliated services, experts, professors, industrialists; and a foreign guest.

After reading passages from the Quran and the national anthem, Dr. Sajadi, the educational deputy of Koosha College, thanked outstanding industrialists, professors, foreign guests and sponsors for their presence and declared that, for the 12th time, "We utilized elevator industry knowledge in order to achieve our goals, and, in tough economic circumstances, we respect our industrialists and professors."

Sajadi expressed that countries don't progress unless they increase wealth in their communities, and gaining wealth is due to the strong relationship between industry and university. She added the seminar secretariat had received 22 articles and also the experts' panel on "the investigation of the quality record of domestically manufactured parts in competition with imported parts and future strategies" is being held for the second time in Iran.

During the opening ceremony, Pishbin mentioned the weakness of university-industry relations, expanding on the university-industry role in country development. He mentioned



Sajadi spoke first and thanked the attendees, guests and sponsors for their presence.

that holding these symposiums and seminars helps improve this relationship, and we should pay more attention to our technicians and technology for advancement.

Then, Abrishami gave a talk on the elevator industry and the necessity of precise planning for accomplishments. He emphasized the support of training

centers to develop education in this area. Finally, he analyzed the union strategy toward empowerment and skill growth in the industry and high safety in elevators nowadays.

Afterwards, Eng. Mahalei, director general of the engineering services office, declared technical training and guarantees in the elevator industry are crucial because of the importance of safety in this area.

After that, Dr. Hosseinahad presented his article on evaluating the performance and measuring the efficiency of the elevator to increase effectiveness. He investigated the failure rate and analyzed the matter by data envelopment analysis (DEA) method.

Then, Eng. Mozafarpour gave a speech on elevators resistant to earthquakes. He mentioned how earthquakes occur and the important factors of the design and manufacture of elevators resistant to earthquakes.

Next, Dr. Eskafi presented his article on designing and manufacturing smart buffers. He explained buffer application in various industries and effective factors on their function. Also, he declared the usage of non-Newtonian fluids in these kinds of buffers.

After the break, Eng. Ebadi gave a presentation on his article on public elevator requirements. He investigated EN-81 standards and elevator protection from vandalism.



Eskafi was chosen as the best article presenter.



Pishbin spoke during the seminar opening.



EW, represented by Bülent Yılmaz, receives a plaque for being a media partner of and attending the event.

Next, Eng. Hasandoost gave a talk on her article about the usage of nylon in the elevator industry. She mentioned the usage of nylon in pulleys and its advantages for the environment, energy consumption decreases and lower costs.

Eng. Esmaili followed and gave a talk on challenges in escalator use in public transportation. He expressed that choosing the escalator according to user type and technical details is really important, as well as its bill of materials (BOM).

Next, the expert panel on the “investigation of the quality record of domestically manufactured parts in competition with imported parts and future strategies” was held for the second time in Iran. Eng. Ememirad was the chairman of the panel, and the engineers and experts discussed the topic. Also, representatives of different sectors, such as interior production, importation, standards and human resource management, were present for the panel. Its goal was to compare elevator parts production in Iran and elevator parts importation, as well as to analyze the business plan and economic feasibility.

According to the experts, Iran is strong in elevator parts production, scoring more than 80 out of 100 in this area. Also, domestically manufactured products are able to compete with European products since manufacturers have a high ability and capacity for production.

Afterward, Eng. Mardomi spoke about the elevator and escalator union activities and function and its achievements.



Attendees listen to presentations.

At the seminar, qualified articles were presented in the convention hall with the instructors present. Twenty-two articles were sent to the seminar secretariat, and 10 articles were accepted according to the scientific committee's judgment. Out of the 10 articles, six were presented by the authors at the convention hall.

At the end, commendation letters were bestowed to the foreign guest, elevator companies at the seminar, elevator and escalator industry experts and the presenter of the best article. Eskafi, head of the department of elevator and escalator

*Continued*



Industry leaders gathered for the 12th time.

engineering at Koosha College, was chosen as the best article presenter.

In this seminar, 13 elevator corporations participated as sponsors:

- ◆ General Cabin
- ◆ Cabin Plus
- ◆ Laran Sanat
- ◆ Hydro Farco
- ◆ NS Karen
- ◆ Saman Faraz
- ◆ Nikan Commercial
- ◆ Maleki Cabin

- ◆ Sana
- ◆ Balaban Sanat
- ◆ Elevator 110
- ◆ Tochal Asanbar
- ◆ Diara

Also, one significant international guest from Türkiye took part at the seminar: Mr. Bülent Yılmaz, managing director of ELEVATOR WORLD Türkiye and Middle East publications.

In conclusion, all participants are invited to the 13th International Seminar on Elevators and Escalators in February 2024. 🌍



Attendees gather for a group photo.