

30th anniversary of the Croatian Academy of Engineering

The Croatian Academy of Engineering (HATZ) held its 47th regular annual assembly on June 30, 2023, at the University of Zagreb Faculty of Electrical Engineering and Computer Science. The regular annual assembly also served as the focal point for HATZ's 30th anniversary celebrations.

The Croatian Academy of Engineering was founded on January 19, 1993 and registered with the Ministry of Justice and Administration of the Republic of Croatia on January 25, 1993. In 1997, Hrvatska akademija tehničkih znanosti changed its name to the Akademija tehničkih znanosti Hrvatske. This was done on the basis of the Act on CASA and the decision of the Parliament of the Republic of Croatia on June 27, 1997. In 2009, the Academy was granted the status of a scientific organization. It was founded as a non-governmental, independent, non-partisan and non-profit association of outstanding, experienced and proven scientists and engineers from technical and biotechnical professions. Since then, the Academy has been led by six presidents: Academician Josip Božičević (1993–1997), Prof. Juraj Božičević, Ph.D. (1997–2003), Prof. Emeritus Zlatko Kniewald, Ph.D. (2003–2009), Prof. Stanko Tonković, Ph.D. (2009–2013), Prof. Vladimir Androžec, Ph.D. (2013–2022) and Prof. Vedran Mornar, Ph.D. (2022–2026).

Since October 2000, the Academy has been a member of the International Council of Academies of Technical Sciences based in Washington, USA (CAETS - International Council of Academies of Engineering and Technological Sciences), and since January 2005 it has been an associate member of the European Council of Applied and Technical Sciences based in Paris, France (Euro-CASE – European Council of Applied Sciences and Engineering). The Academy has been a permanent member of Euro-CASE since May 2009.

In the 30 years of its existence, the Academy has had a significant impact on the development of Croatian technical and biotechnical sciences through the organization of numerous scientific and professional meetings, round tables, forums and public lectures, through the work of its members published in the Academy's Engineering Power newsletters and the Annual of the Croatian Academy of Engineering, through the realization of scientific and professional projects and cooperation with the Croatian business community.

As a contribution to the activities of the Academy and at the same time as an introductory event to the activities related to the regular annual assembly and the celebrations of the 30th anniversary of the Academy, a scientific and professional conference "Croatian Academy of Engineering - cohesive factor of technical and biotechnical sciences and the Croatian economy" was held. The conference was attended by the distinguished members of the Academy. Prof. Franjo Jović, Ph.D., Prof. Saša Zelenika, Ph.D., Prof. Edouard Ivanjko, Prof. Božidar Šantek, Ph.D., Prof. Meho Saša Kovačević, Ph.D. and Prof. Neven Duić, Ph.D. gave lectures on a number of topics in the field of technical and biotechnical sciences, the main aim of which was to show the connection between the scientific and professional activities of the Academy members and the Croatian economy.



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In the opening speech at the opening of the regular annual assembly, the President of the Academy, Prof. Vedran Mornar, Ph.D., emphasized the role and importance of the Academy in the national context.

In addition to the topics of the Academy's regular activities, which are dealt with in the working part, the jubilee Annual of the Croatian Academy of Engineering - Jubilee Annual 2022-2023, which is dedicated to the 30th anniversary of the Academy, was also presented. In addition to presenting the historical development, organization and activities of the Academy, the Annual contains the CAETS Energy Report for 2022 and a list of all full and associate members of the Academy.

During the ceremonial part of the regular annual assembly, diplomas were presented to the new associate members, emeritus members, international members and supporting members of the Academy, as well as diplomas to the winners of the Academy Awards for 2022, who had previously been confirmed by the Academy's Presidency and the Assembly of the Academy. Thus, the status of a new associate member of the HATZ was obtained by:

- Prof. Borislav Miličević, Ph.D. in the Department of Bioprocess Engineering
- Assoc. Prof. Josip Lörincz, Ph.D., Prof. Tomislav Matić, Ph.D., Prof. Stjepan Stipetić, Ph.D. and Assoc. Prof. Petar Šolić, Ph.D. in the Department of Electrical Engineering and Electronics
- Assoc. Prof. Goran Krajačić, Ph.D., Prof. Sandro Nižetić, Ph.D. and Prof. Hrvoje Pandžić, Ph.D. in the Department of Energy Systems
- Assoc. Prof. Mario Bačić, Ph.D., Prof. Željana Nikolić, Ph.D., and Prof. Damir Varevac, Ph.D. in the Department of Civil Engineering and Geodesy
- Assoc. Prof. Daniel Hofman, Ph.D. in the Department of Information Systems
- Prof. Domagoj Vrsaljko, Ph.D. in the Department of Chemical Engineering
- Prof. Borna Abramović, Ph.D. and Assoc. Prof. Robert Maršanić, Ph.D. in the Department of Transport
- Prof. Nastia Degiuli, Ph.D. in the Department of Mechanical Engineering and Naval Architecture
- Prof. Nikola Mišković, Ph.D. in the Department of Systems and Cybernetics
- Assoc. Prof. Sandra Flinčec Grgac, Ph.D. in the Department of Textile Technology



Prof. Vedran Mornar, Ph.D. and Prof. Tanja Pušić, Ph.D. at the awarding ceremony

The following were appointed as new emeritus members of the Academy:

- Prof. Predrag Horvat, Ph.D. in the Department of Bioprocess Engineering
- Prof. Emeritus Ante Mihanović, Ph.D. in the Department of Civil Engineering and Geodesy
- Prof. Mladen Šercer, Ph.D. in the Department of Mechanical Engineering and Naval Architecture.

The status of a new international member has been granted to:

- Prof. Peter Vrtič, Ph.D. in the Department of Electrical Engineering and Electronics
- Marina Crnoja-Ćosić, Ph.D. in the Department of Textile Technology.

The following companies have acquired the status of a new supporting member:

- Aircash d.o.o.
- Jadrolinija, Rijeka

The prizes of the Croatian Academy of Engineering for the year 2022 were awarded at the assembly as follows:

- The annual "Rikard Podhorsky" prize was awarded to: Prof. Alen Jugović, Ph.D., Assoc. Prof. Stjepan Picek, Ph.D. and Prof. Tanja Pušić, Ph.D.
- The prize for young scientists "Vera Johanides" (for science) was awarded to Assist. Prof. Mirna Gržanić, Ph.D., Nino Horvat, Ph.D., Katarina Mužina Ph.D. and Luka Pravica, Ph.D.

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