

55th Ordinary Annual Assembly of the Croatian Academy of Engineering and the 3rd Mini Scientific and Professional Conference

On June 2, 2025, the 55th Ordinary Annual Assembly of the Croatian Academy of Engineering (HATZ) was held in the Great Lecture Hall of the Faculty of Architecture, Faculty of Geodesy and Faculty of Civil Engineering of the University of Zagreb.

The Assembly was divided into two parts: a working part and a ceremonial part. During the working part, the members were informed about the financial situation of the Academy, the work of the Governing Board, the Departments, the Committees, the Centre, the Entrepreneurial and Scientific Councils, and on the Academy's publishing activities. At the same time, the new edition of the Yearbook for 2024 was presented, which contains ten scientific, technical and review papers by Academy members on the topic of the energy transition and the CAETS report on the energy transition in the transport sector. In the ceremonial part of the Assembly, diplomas were awarded to new associate members, full members, emeritus members, international members and supporting members, as well as awards to the winners of the Academy Awards for 2024.

The Assembly was attended by members of the Academy and distinguished guests from academia and industry. The Assembly was welcomed by Prof. Mladen Zrinjski, PhD, Dean of the Faculty of Geodesy of the University of Zagreb, and Mr Luka Juroš, Head of the City of Zagreb's Department of Education, Sports and Youth.

The status of a new emeritus member of HATZ was acquired by Prof. Emeritus Ivica Grbac, PhD from the Department of Bioprocess Engineering.

At the meeting, the diplomas were awarded to the emeritus members who had acquired their status at the 53rd (electronic) Assembly held on February 11-13, 2025:

- Academician Mladen Obad Šćitaroci and Prof. Emeritus Tihomir Jukić, PhD, Department of Architecture and Urban Planning,
- Prof. Darovan Tušek, PhD, Department of Architecture and Urban Planning,
- Prof. Emeritus Frano Barbir, PhD, Prof. Nikola Čavlina, PhD and Prof. Nenad Debrecin, PhD, Department of Power Systems,
- Prof. Mirta Baranović, PhD, Department of Information Systems,

- Prof. Željko Domazet, PhD, and Academician Jurica Sorić, Department of Mechanical Engineering and Naval Architecture,
- Prof. Željko Hocenski, PhD, Department of Systems and Cybernetics.

The following full members were appointed:

- Prof. Mladen Zrinjski, PhD, Department of Civil Engineering and Geodesy,
- Prof. Antonio Šarolić, PhD, Department of Communication Systems,
- Prof. Zdenka Zovko Brodarac, PhD, Department of Mining and Metallurgy,
- Prof. Stjepan Bogdan, PhD, Department of Systems and Cybernetics.

Following new associate members were appointed:

- Assoc. Prof. Željka Jurković, PhD, Department of Architecture and Urban Planning,
- Prof. Jasna Novak, PhD and Assoc. Prof. Vjekoslav Živković, PhD, Department of Bioprocess Engineering,
- Assoc. Prof. Marinko Kovačić, PhD and Prof. Jonatan Lerga, PhD, Department of Electrical Engineering and Electronics,
- Assoc. Prof. Tomislav Pukšec, PhD and Prof. Daniel Rolph Schneider, PhD, Department of Power Systems,
- Assoc. Prof. Alan Jović, PhD and Prof. Lea Skorin-Kapov, PhD, Department of Information Systems,
- Prof. Ljudevit Krpan, PhD, Department of Transport,
- Prof. Natalija Dolić, PhD and Prof. Borivoje Pašić, PhD, Department of Mining and Metallurgy,
- Assoc. Prof. Neven Alujević, PhD and Assoc. Prof. Milan Vujanović, PhD, Department of Mechanical Engineering and Naval Architecture,
- Prof. Hrvoje Džapo, PhD, Prof. Damir Seršić, PhD and Prof. Mario Vašak, PhD, Department of Systems and Cybernetics,
- Prof. Anica Hursa Šajatović, PhD, Department of Textile Technology.

New international members have been admitted to the HATZ:

- Prof. Georgia Butina Watson, PhD, Department of Architecture and Urban Planning,
- Prof. Emeritus Midhat Jašić, PhD, Department of Bioprocess Engineering.

The Croatian Academy of Engineering Awards for the year 2024 were awarded at the Assembly.

The annual “Rikard Podhorsky” award went to Prof. Meho Saša Kovačević, PhD, from the Department of Civil Engineering and Geodesy, and the “Vera Johanides” award for young scientists (for science) went to Tomislav Baškarad, PhD, from the University of Zagreb, Faculty of Electrical Engineering and Computing, Assoc. Prof. Tin Benšić, PhD, from the J. J. Strossmayer University of Osijek, Faculty of Electrical Engineering, Computer Science and Information

Technology, and Ivana Čorak, PhD, from the University of Zagreb, Faculty of Textile Technology. The sponsor of the awards was the company CENTAR ZA VOZILA HRVATSKE d. d.

Immediately before the 55th Assembly, the 3rd Mini Scientific and Professional Conference “Croatian Academy of Engineering – a cohesive factor of engineering and biotechnical sciences and the Croatian economy” was held. The lectures were given by the winners of the “Vera Johanides” award, which the Croatian Academy of Engineering awards annually for the year 2024. Tomislav Baškarad, PhD gave a lecture entitled “The influence of renewable energy sources on the frequency regulation of the power system”, Assoc. Prof. Tin Benšić, PhD gave a lecture entitled “Co-simulations and real-time simulations as a prerequisite for digital twins”, and Ivana Čorak, PhD, gave a lecture entitled “Bio-innovated polyester material for targeted use in the hospital environment”.

The Assembly, was followed by an academic gathering held under the auspices of the SDEWES Center.



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