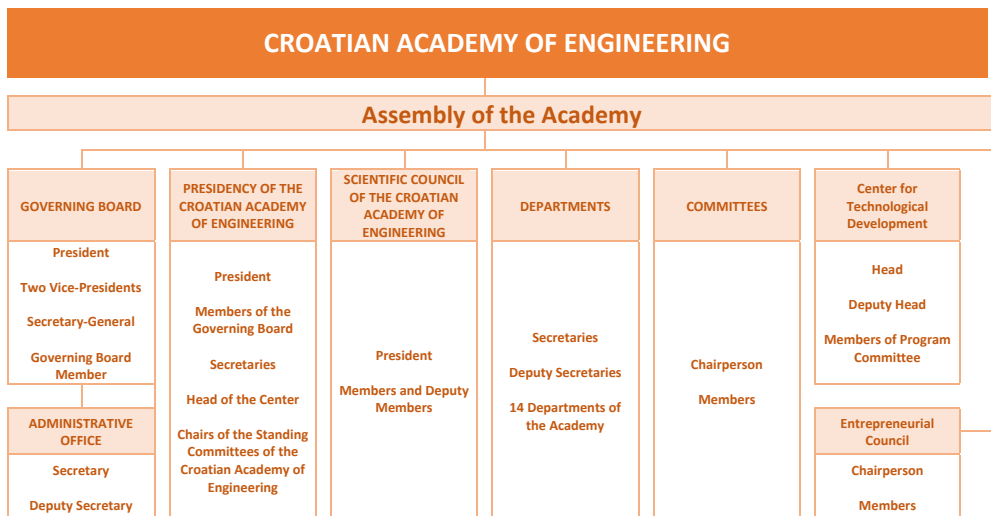


# Organization of the Croatian Academy of Engineering<sup>1</sup>

Prof. **Dubravko Rogale**, Ph.D.  
 Prof. **Bruno Zelić**, Ph.D.

The Croatian Academy of Engineering has a complex internal organization, which has been changed and improved during the existence of the Academy. In this way, its efficiency has been ensured and increased. The organization has a very clear organizational scheme and hierarchical structure, its bodies and holders of the tasks. The organizational structure in the mandate of the Governing Board of the Academy 2022-2026 has changed to a small extent in the new mandate 2022-2026 and is shown in Figure 1.



**Fig. 1.** Basic organizational structure of the Croatian Academy of Engineering

<sup>1</sup> This article is an updated and amended version of the article of the same title, which was published in 2018 in the Jubilee Annual 2017-2018 of the Croatian Academy of Engineering, on the occasion of the 25<sup>th</sup> Anniversary of the Academy (1993-2018).

The above figure also shows the newly established Center for Technological Development, which was established to unify the activities of the Academy’s existing centers and increase the efficiency of the Academy’s cooperation with the business community. Former centers were merged into the Center for Technology Transfer, where the Program Committee was formed as a body that participates in project implementation and assists the head of the Center in managing project activities.

## Assembly of the Academy

The Statute of the Academy stipulates that the Assembly is the highest body of the Academy, Fig. 2, constituted of all categories of members and chaired by the President of the Academy.

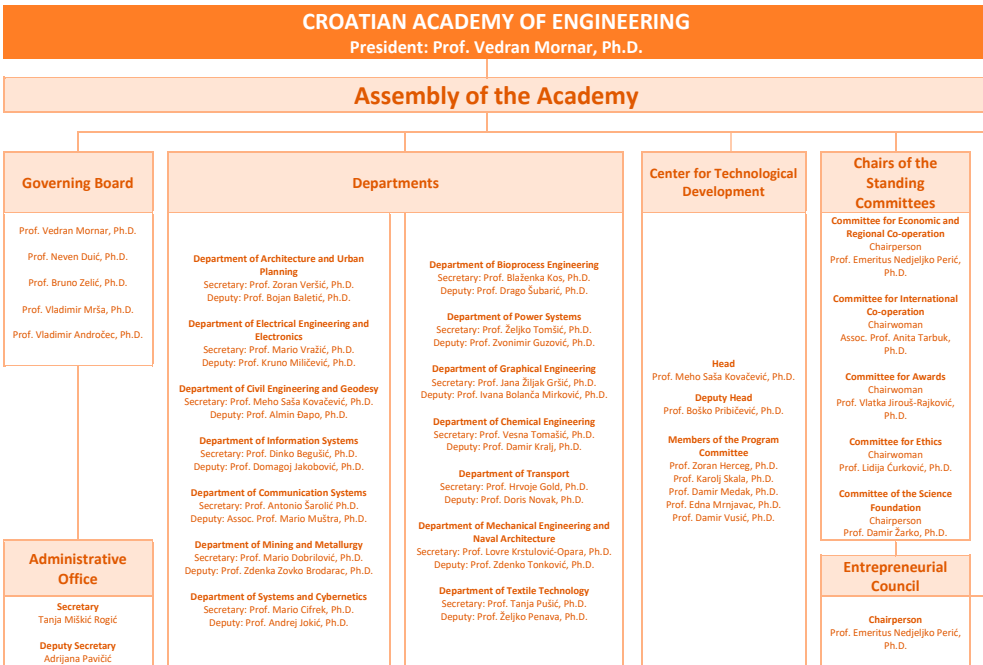


Fig. 2. Organizational structure of the Academy with all constituent elements and the leadership elected for 2022-2026 mandate

The above figure lists the names of the members of the Governing Board elected for the 2022-2026 mandate, the names of all 14 Academy Departments and their Secretaries and Deputy Secretaries, the members of the Center for Technological Develop-

ment, the names of the Committees and their Chairpersons, and the Entrepreneurial Council with its Chairperson.

## Governing Board

The Governing Board of the Academy consists of the President, two Vice-Presidents, the Secretary-General of the Academy and Governing Board Member. The mandate of the elected members of the Governing Board lasts 4 years, Fig. 3.

The President of the Academy presides over the Governing Board.

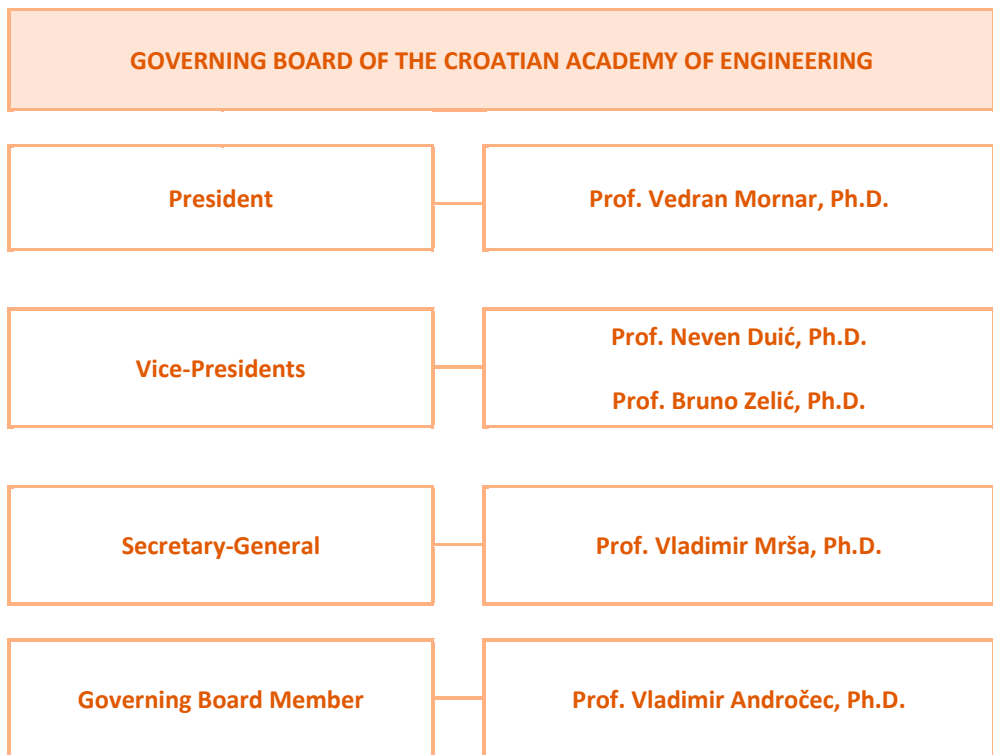


Fig. 3. Organization of the Governing Board of the Croatian Academy of Engineering 2022-2026

President of the Academy represents the Academy, presides over the Assembly, convenes the meetings of the Assembly, Presidency and Governing Board, chairs them and supervises decision making and execution of decisions. President of the Acad-

emy acts on behalf of the Academy and manages its financial affairs. President of the Academy may assign particular areas of his/her authority to the Vice-Presidents and Secretary-General. President of the Academy promotes activities of the Academy in administrative structures and in collaboration with industry in Croatia, and according to the program of the Academy in cooperation with foreign countries. President of the Academy is elected for a term of four years with the possibility of reelection for another consecutive mandate.

Vice-Presidents of the Academy carry out tasks under the authority entrusted to them by the President of the Academy. One Vice-President of the Academy is responsible for monitoring and coordinating the work with the Departments of the Academy, and the second Vice-President of the Academy is responsible for the execution of the program, i.e. projects of the Academy, activities of the Standing Committees and monitoring the work of the Science Fund of the Academy. Vice-Presidents are elected for a term of four years with the possibility of reelection for another consecutive mandate.

Secretary-General of the Academy organizes the work of the Professional Services of the Academy, prepares and organizes meetings of bodies, drafts decisions and documents of the Academy, coordinates the work of the bodies of the Academy, supervises the execution of the decisions made by the Academy, performs all tasks entrusted to him/her by the Assembly, the Presidency, the Governing Board and the President of the Academy. Secretary-General of the Academy is elected for a term of four years with the possibility of reelection for another consecutive mandate.

## **Presidency of the Academy**

The Presidency of the Academy is executive body of the Assembly.

The Presidency of the Academy consists of the President of the Academy, two Vice-Presidents of the Academy, the Secretary-General of the Academy, one member of the Governing Board, Secretaries of Departments of the Academy, the head of the Center for Technological Development and the Chairpersons of Committees of the Academy (Fig. 4). The mandate of the Presidency lasts 4 years.

Meetings of the Presidency are held as required, six times a year as a rule. Fig. 4 shows the structure of the Presidency and the members elected for the 2022-2026 mandate.

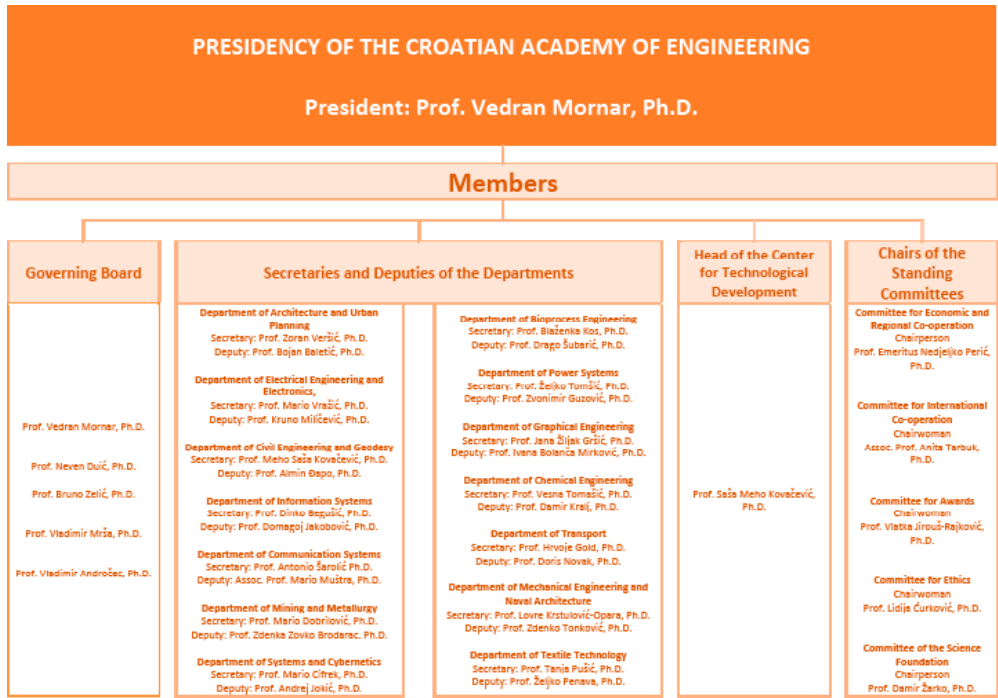
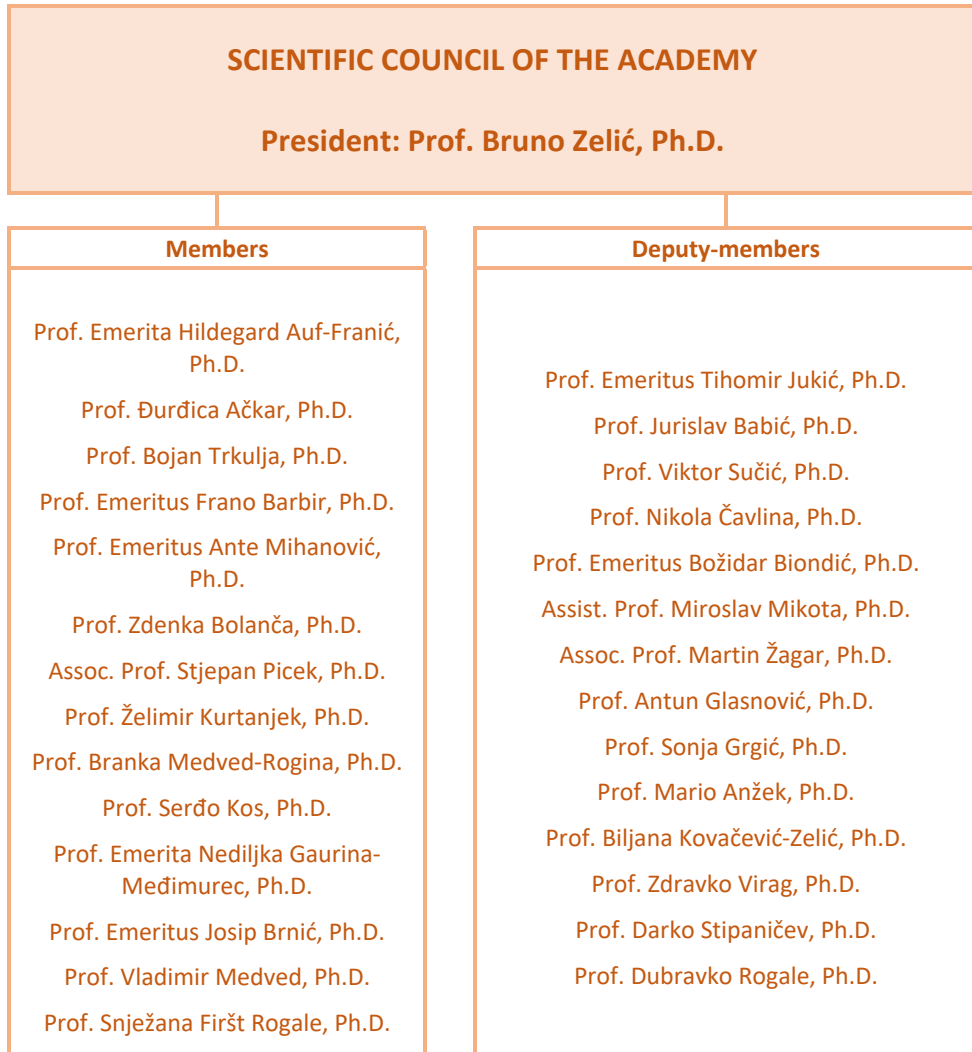


Fig. 4. Presidency of the Croatian Academy of Engineering 2022-2026

## Scientific Council of the Academy

Scientific Council of the Academy is a scientific body of the Academy. Scientific Council of the Academy consists of the representatives of each Department (one per Department) and Chairperson of the Scientific Council, Fig. 5. Members of the Scientific Council of the Academy shall be elected from among members of the Academy and Members Emeriti of the Academy by Departments for a period of four years with the possibility of reelection. Fig. 5 lists the names of the members of the Scientific Council and their Deputies for the 2022-2026 mandate.

President of the Academy is the function of a member and Chairperson of the Scientific Council, but it is stipulated that he may transfer his powers to the Vice-President. Each Department shall nominate one representative of the Department as a candidate for member of the Scientific Council. Secretary and Deputy Secretary of the Department cannot be candidates for membership of the Scientific Council. Decision on election of members of the Scientific Council (one per Department) is made by the Presidency on the proposal of each Department.



**Fig. 5.** Scientific Council of the Croatian Academy of Engineering 2022-2026

## Organization of the Activities of the Academy

According to the provisions of the Statute the Academy organizes its activities in Departments, Center, Committees and other organizational forms. The activities and organization of work of the Departments, Center, Committees and other organizational forms are regulated by the Statute and bylaws and rules of procedure.

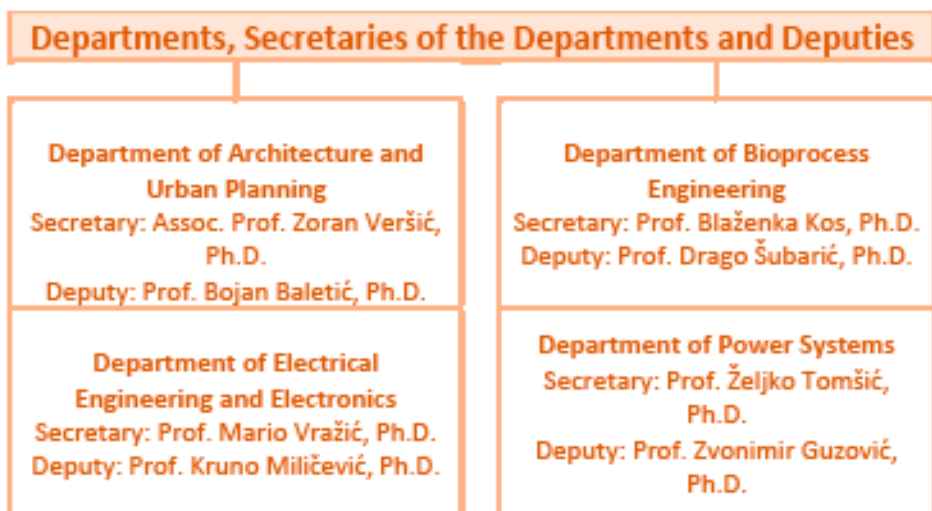
Task management of the Academy is carried out by the Departments, Center and Committees that have no legal personality.

At the head of a Department there is Secretary of the Department of the Academy, Head of the Center of the Academy presides over Center and at the head of a Committee there is Chairperson of the Committee of the Academy. In the bodies of the Academy a Department of the Academy is represented by Secretary of the Department, the Center of the Academy is represented by the Heads of the Center, and each Committee is represented by Chairperson of the Committee. Secretaries of Departments of the Academy and Chairpersons of Committees of the Academy and Head of the of the Center and their deputies shall be elected for a term of four years with the possibility of reelection for a successive mandate.

## Departments of the Academy

Departments of the Academy are:

Department of Architecture and Urban Planning, Department of Bioprocess Engineering, Department of Electrical Engineering and Electronics, Department of Power Systems, Department of Civil Engineering and Geodesy, Department of Graphical Engineering, Department of Information Systems, Department of Chemical Engineering, Department of Communication Systems, Department of Trans-port, Department of Mining and Metallurgy, Department of Mechanical Engineering and Naval Architecture, Department of Systems and Cybernetics and Department of Textile Technology, Fig. 6.



<p><b>Department of Civil Engineering and Geodesy</b>  <b>Secretary: Prof. Meho Saša Kovačević, Ph.D.</b>  <b>Deputy: Prof. Almin Đapo, Ph.D.</b></p>	<p><b>Department of Graphical Engineering</b>  <b>Secretary: Prof. Jana Žiljak Gršić, Ph.D.</b>  <b>Deputy: Prof. Ivana Bolanča Mirković, Ph.D.</b></p>
<p><b>Department of Information Systems</b>  <b>Secretary: Prof. Dinko Begušić, Ph.D.</b>  <b>Deputy: Prof. Domagoj Jakobović, Ph.D.</b></p>	<p><b>Department of Chemical Engineering</b>  <b>Secretary: Prof. Vesna Tomašić, Ph.D.</b>  <b>Deputy: Prof. Damir Kralj, Ph.D.</b></p>
<p><b>Department of Communication Systems</b>  <b>Secretary: Prof. Antonio Šarolić Ph.D.</b>  <b>Deputy: Assoc. Prof. Mario Muštra, Ph.D.</b></p>	<p><b>Department of Transport</b>  <b>Secretary: Prof. Hrvoje Gold, Ph.D.</b>  <b>Deputy: Prof. Doris Novak, Ph.D.</b></p>
<p><b>Department of Mining and Metallurgy</b>  <b>Secretary: Prof. Mario Dobrilović, Ph.D.</b>  <b>Deputy: Prof. Zdenka Zovko Brodarac, Ph.D.</b></p>	<p><b>Department of Mechanical Engineering and Naval Architecture</b>  <b>Secretary: Prof. Lovre Krstulović-Opara, Ph.D.</b>  <b>Deputy: Prof. Zdenko Tonković, Ph.D.</b></p>
<p><b>Department of Systems and Cybernetics</b>  <b>Secretary: Prof. Mario Cifrek, Ph.D.</b>  <b>Deputy: Prof. Andrej Jokić, Ph.D.</b></p>	<p><b>Department of Textile Technology</b>  <b>Secretary: Prof. Tanja Pušić, Ph.D.</b>  <b>Deputy: Prof. Željko Penava, Ph.D.</b></p>

**Fig. 6.** Departments of the Croatian Academy of Engineering 2022-2026

The above figure also lists the names of the Secretaries of the Departments and their Deputies elected for the 2022-2026 mandate. The Departments are founded, merged, divided, abolished and operate pursuant to the decision of the Assembly of the Academy.



## Committees of the Academy

Committees are inter-departmental bodies of overall importance for the work of the Academy. Prominent experts from business and persons who are not members of the Academy may collaborate in the Committees. The number of such collaborators cannot be higher than 40% of the total number of the members of the Committee.

Committees of the Academy					
Committee	Committee for Economic and Regional Co-operation	Committee for International Co-operation	Committee for Awards	Committee for Ethics	Committee of the Science Foundation
Chairperson	Prof. Emeritus Nedjeljko Perić, Ph.D.	Assoc. Prof. Anita Tarbuk, Ph.D.	Prof. Vlatka Jirouš-Rajković, Ph.D.	Prof. Lidija Čurković, Ph.D.	Prof. Damir Žarko, Ph.D.
Deputy-Chairperson	Prof. Stanislav Kurajica, Ph.D.	Prof. Zvonimir Guzović, Ph.D.	Prof. Trpimir Kujundžić, Ph.D.	Prof. Snježana Rimac-Drije, Ph.D.	Prof. Željko Arbanas, Ph.D.
Members	Prof. Verica Dragović-Uzelac, Ph.D. Prof. Igor Kuzle, Ph.D. Prof. Nevenka Ožanić, Ph.D. Prof. Damir Modrić, Ph.D. Prof. Božidar Kliček, Ph.D. Assoc. Prof. Željko Knezić, Ph.D.	Prof. Stela Jokić, Ph.D. Prof. Adrijan Barić, Ph.D. Prof. Goran Martinović, Ph.D. Prof. Irena Galić, Ph.D. Prof. Edouard Ivanjko, Ph.D.	Prof. Emeritus Stanislav Bolanča, Ph.D. Prof. Davor Bonefačić, Ph.D. Prof. Željko Domazet, Ph.D. Prof. Dražen Lončar, Ph.D. Prof. Marko Rogošić, Ph.D. Prof. Darovan Tušek, Ph.D. Prof. Bruno Želić, Ph.D. Prof. Drago Žagar, Ph.D.	Prof. Srećko Pegan, PhD. Prof. Davor Grgić, Ph.D. Assist. Prof. Miroslav Mikota, Ph.D. Prof. Aleksandra Sander, Ph.D. Prof. Gordana Bedeković, Ph.D. Ivan Petrović, Academician	Prof. Hrvoje Mlinarić, Ph.D. Prof. Tomislav Josip Mlinarić, Ph.D. Prof. Emeritus Jurica Sorić, Ph.D.

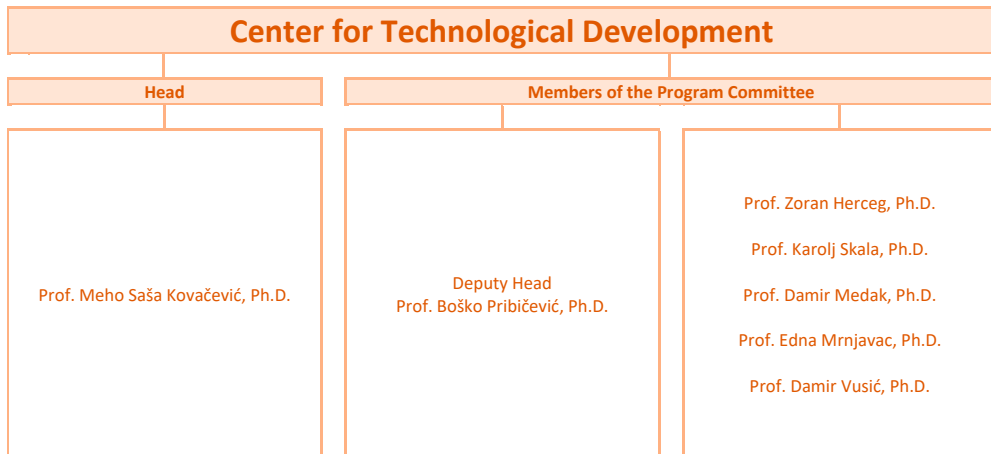
Fig. 7. Committees of the Croatian Academy of Engineering 2022-2026

Figure 7. shows the organizational structure of five committees of the Academy, their chairpersons and members elected for the 2017-2021 mandate.

## Center of the Academy

Center is a scientific research unit of the Academy established for a all field of technical and biotechnical sciences with the aim of conducting scientific research intended for immediate application in the economy. Center is established pursuant to the By-law of the Organization of Centers of the Croatian Academy of Engineering. The initiative to establish a Center is given by the Departments, the proposal is determined by the Governing Board, and the decision is made by the Presidency of the Academy.

The Program Committee is a coordinative body of the Center. The activities of the Center are coordinated by the Head of the Center (Fig. 8).



**Fig. 8.** Center for Technological Development 2022-2026

The head of the Center represents the Center at the Presidency of the Academy and reports on the activities of the Center.

## Entrepreneurial Council of the Academy

The Entrepreneurial Council of the Academy is an advisory board of the Academy for the cooperation between the Academy and the economy. The Entrepreneur Members of the Academy constitute the *Entrepreneurial Council of the Academy*. A Ph.D. title is not required to acquire the status of an entrepreneur member of the Academy. The reputation of an entrepreneur member of the Academy is based on his/her exceptionally personal contributions in fields such as: development and production business in the industry; management business in industry and economy; technology transfer; patenting original industrial processes, technologies and entrepreneurship. An entrepreneur member of the Academy should be a person who, through his/her work in the economy, has made a significant contribution to his/her company and in the wider community, and preferably on the international scene. The Chairperson of the Committee of Economic Cooperation convenes sessions of the Entrepreneurial Council of the Academy and chairs them.

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## **Other Forms of Organization**

In addition to the current organization scheme of the Academy, the Academy may establish councils, committees and other organizational forms of temporary character. Decision to establish such bodies will be taken by the Presidency which may cause a change in the organization scheme to a smaller extent.

The Academy has a Professional Service to perform administrative, technical, financial, accounting and other duties necessary for the realization of the activities of the Academy. Secretary-General of the Academy is the head of the administration.

The Academy may entrust an authorized organization with a partial or complete performance of the duties, if it is so decided by the Presidency.