

Who is Who in the Croatian Academy of Engineering

Introduction to „Who is Who in the Croatian Academy of Engineering“

Vice-President of the Academy
Prof. Vladimir Medved, Ph. D.

„Who is Who in the Croatian Academy of Engineering“ includes short information on our individual members. Included are: Emeriti of the Academy (64), Members of the Academy (104), Associates of the Academy (84), International Members of the Academy (10) and Honorary Members of the Academy (8).

The information is updated with May 16, 2014. The basic information on Department adherence and status (not applicable to Honorary Members of the Academy) is given, followed by degrees attained (year of attaining the degree, area and institution giving the degree), contact information and key words defining member's area(s) of scientific and professional activity. At the end, past and current duties in the Academy – if applicable – are listed in chronological order, with current (actual) duty written in *Italics*.

This compact base of information on our members will, we hope, demonstrate depth, but also breadth and richness of professional and scientific expertise of our membership (270 of them at the moment altogether) in Croatia and worldwide. Further, contact information presented in the base is the fundament for fruitful interpersonal communication.

**Afrić, Winton**, Assist. Prof. Ph.D.

Born: 1956

Department of Communication Systems

Associate of the Academy (admitted 2007)

B.Sc. in Electrical Engineering (1979), University of Split, Faculty of Electrical Engineering, Mechanical Engineering and Naval Architecture, M.Sc. in Electrical Engineering (1982), Ph.D. in Electrical Engineering (2003), both from the University of Zagreb, Faculty of Electrical Engineering and Computing
University of Split, University Center for Professional Studies,
Livanjska 5, 21000 Split

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e-mail: wafrić@oss.unist.hr

Radio Communications FWA, Mobile Communications

**Agić, Darko**, Assoc. Prof. Ph.D.

Born: 1947

Department of Graphical Engineering

Member of the Academy (admitted 2004)

B.Sc. in Chemical Engineering (1972), M.Sc. in Chemical Engineering (1981), both from the University of Zagreb, Faculty of Technology, Ph.D. in (2001), University of Zagreb, Faculty of Organization and Informatics
University of Zagreb, Faculty of Graphic Arts, Getaldićeva 2,
10000 Zagreb

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Graphic Technology, Screening Systems, Reproduction of Picture Information and Color Management in the Area of Printing Science and Graphic Communication

Secretary of the Department of Graphical Engineering (2009-2013) and (2013-2017)

**Ahić-Dokić, Melita**, Prof. Ph.D.

Born: 1948

Department of Communication Systems

International Member (admitted 2007)

B.Sc. in Electrical Engineering (1972), M.Sc. in Electrical Engineering (1985), Ph.D. in Electrical Engineering (1993), all from the University of Sarajevo, Faculty of Electrical Engineering
University of Sarajevo, Faculty of Electrical Engineering, Zmaja od Bosne bb, 71000 Sarajevo, Bosnia and Herzegovina

tel: + 387 33250750, fax: +387 33250725

e-mail: melita.ahic-djokic@etf.unsa.ba, amelita@etf.unsa.ba

Signal Processing, Digital Systems Design, Automatic Control Systems

	<p>Alfirević, Ivo, Prof. Emer. Ph.D. Born: 1939 Department of Mechanical Engineering and Naval Architecture Emeritus of the Academy (admitted 1993) B.Sc. in Mechanical Engineering (1962), University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture, M.Sc. in Mechanical Engineering (1968), Illinois Institute of Technology, Ph.D. in Mechanical Engineering (1972), University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture, Ivana Lučića 5, 10000 Zagreb tel: +385 1 6168944, +385 1 6168222, fax: +385 1 6156940 e-mail: ivo.alfirevic@fsb.hr Continuum Mechanics, Mechanics of Solids, Orthotropic Materials, Experimental Stress Analysis, Structural Analysis, Orthotropic Structures Secretary of the Department of Mechanical Engineering and Naval Architecture (1994-1997) and (1997-2000) Vice-President of the Academy (1997-2001) Chair of the Committee for Terminology (1997-2001) and (2001-2003)</p>
	<p>Anayath, Rajendrakumar, Prof. Ph.D. Department of Graphical Engineering International Member of the Academy (admitted 2013) M. Sc. in Technology (2002), Manipal Academy of Higher Education, Ph. D. in Printing and Media Engineering (2007), Manipal University Technological Institute of Textile & Sciences, Bhiwani, 127021 Haryana tel: 01664 242561 242564, fax: 01664-243728 e-mail: rajendrakumar.anayath@heidelberg.com</p>
	<p>Andrassy, Maja, Prof. Ph.D. Born: 1946 Department of Textile Technology Associate of the Academy (admitted 2009) B.Sc. in Textile Technology (1971), M.Sc. in Textile Technology (1979), both from the University of Zagreb, Faculty of Technology, Ph.D. in Textile Technology (1994), University of Zagreb, Faculty of Textile Technology University of Zagreb, Faculty of Textile Technology, Prilaz baruna Filipovića 28a, 10000 Zagreb tel: +385 1 3712566, fax: +385 1 3712599 e-mail: maja.andrassy@ttf.hr Textile Fibers, Textile Materials, Fiber Science, Recycling and Restoration of Textile Materials Secretary of the Department of Textile Technology (2013-2014)</p>

**Androćec, Vladimir**, Prof. Ph.D.

Born: 1946

Department of Systems and Cybernetics

Member of the Academy (admitted 1994)

B.Sc. in Naval Architecture (1970), M.Sc. in Naval Architecture (1976), Ph.D. in Naval Architecture (1986), all from the University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture
University of Zagreb, Faculty of Civil Engineering, Kačićeva 26, 10000 Zagreb

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tel: +385 1 3703779, +385 98 208021

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Fluid Mechanics, Hydraulics, Hydraulic Modeling, Hydraulic Engineering, Coastal Engineering, Environmental Studies

President of the Academy (2013-2017)**Androić, Boris**, Prof. Ph.D.

Born: 1944

Department of Civil Engineering and Geodesy

Emeritus of the Academy (admitted 1998)

B.Sc. in Civil Engineering (1971), M.Sc. in Civil Engineering (1982), Ph.D. in Civil Engineering (1986), all from the University of Zagreb, Faculty of Civil Engineering

University of Zagreb, Faculty of Civil Engineering, Kačićeva 26, 10000 Zagreb

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e-mail: androic@grad.hr

Steel Structures, Reliability Engineering, Fatigue, Thin Walled Structures, Composite Structures, Design of Steel Structures, Durability of Bridges, Reliability of Structures

**Aničić, Dražen**, Prof. Ph.D. (retired)

Born: 1940

Department of Civil Engineering and Geodesy

Emeritus of the Academy (admitted 1993)

B.Sc. in Civil Engineering (1963), M.Sc. in Civil Engineering (1970), Ph.D. in Civil Engineering (1979), all from the University of Zagreb, Faculty of Civil Engineering

Vladimira Ruždjaka 9c, 10000 Zagreb

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Civil Engineering, Concrete and Masonry Structures, Earthquake Engineering, Experimental Methods, Earthquake Strengthening of Masonry Structures, Reconstruction of Historical Buildings, War Damage Assessment

Vice-President of the Academy (1993-1995)

Secretary of the Department of Civil Engineering and Mining (1993-1997), (1997-2001) and (2001-2003)

Secretary-General of the Academy (1997-2001) and (2001-2003)

Chair of the Committee for Finances (1997-2001) and (2001-2003)

	<p>Anžek, Mario, Prof. Ph.D. Born: 1945 Department of Transport Member of the Academy (admitted 2007) B.Sc. in Electrical Engineering (1972), M.Sc. in Electrical Engineering (1985), Ph.D. in Electrical Engineering (1996), all from the University of Zagreb, Faculty of Electrical Engineering and Computing University of Zagreb, Faculty of Transport and Traffic Sciences, Vukelićeva 4, 10000 Zagreb tel: +385 1 2380213, fax: +385 1 2380362 e-mail: mario.anzek@fpz.hr; http://www.fpz.unizg.hr/manzek/ Telematics, Intelligent Transport Systems</p>
	<p>Auf-Franić, Hildegard, Prof. Emer. Ph.D. Born: 1941 Department of Architecture and Urban Planning Emeritus of the Academy (admitted 1998) B.Sc. in Architecture (1965), Ph.D. in Architecture (1989), both from the University of Zagreb, Faculty of Architecture University of Zagreb, Faculty of Architecture, Kačićeva 26, 10000 Zagreb tel: +385 1 4639263, +385 1 4639264, fax: +385 1 4828079 e-mail: hauf@arhitekt.hr Architecture, Buildings for Education Secretary of the Department of Architecture and Urban Planning (2000-2003) and (2003-2005)</p>
	<p>Babić, Darko, Assoc. Prof. Ph.D. Born: 1948 Department of Graphical Engineering Associate of the Academy (admitted 2000) B.Sc. in Mechanical Engineering (1975), M.Sc. in Mechanical Engineering (1984), Ph.D. in Mechanical Engineering (1992), all from the University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture University of Zagreb, Faculty of Graphic Arts, Getaldićeva 2, 10000 Zagreb tel: +385 1 2371080, fax: +385 1 2371077 e-mail: babic@grf.hr Graphic Technology, Finishing Processes, Ergonomics, Quality Control, Graphic Packaging Design and Production, Book Design and Production</p>

**Babić, Jurislav**, Assoc. Prof. Ph.D.

Born: 1978

Department of Bioprocess Engineering

Associate of the Academy (admitted 2012)

B.Sc. in Food Technology (2002), Ph.D. in Food Technology (2007), both from the Josip Juraj Strossmayer University of Osijek, Faculty of Food Technology

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e-mail: jbabic@ptfos.hr; <http://www.ptfos.unios.hr/index.php/zaposlenici/38-djelatnici/nastavno-osoblje/73-jurislav-babic>
Food Technology, Food Safety, Carbohydrates**Baletić, Bojan**, Prof. Ph.D.

Born: 1957

Department of Architecture and Urban Planning

Associate of the Academy (admitted 1998)

B.Sc. in Architecture (1957), M.Sc. in Architecture (1986), Ph.D. in Architecture (1996), all from the University of Zagreb, Faculty of Architecture

University of Zagreb, Faculty of Architecture, Kačićeva 26, 10000 Zagreb

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Architecture and Urbanism, Computer Application in Architecture, Housing Design, Solar Architecture

**Ban, Drago**, Prof. Ph.D.

Born: 1939

Department of Electrical Engineering and Electronics

Emeritus of the Academy (admitted 1994)

B.Sc. in Electrical Engineering (1965), M.Sc. in Electrical Engineering (1975), Ph.D. in Electrical Engineering (1986), all from the University of Zagreb, Faculty of Electrical Engineering and Computing

University of Zagreb, Faculty of Electrical Engineering and Computing, Unska 3, 10000 Zagreb

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Electrical Machines and Drives, Power Engineering, Education

**Barbir, Frano**, Prof. Ph.D.

Born: 1954

Department of Power Systems

Associate of the Academy (admitted 2014)

B.Sc. in Mechanical Engineering (1978), University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture, M.Sc. in Chemical Engineering (1985), University of Zagreb, Faculty of Technology, Ph.D. in Mechanical Engineering (1992), University of Miami

University of Split, Faculty of Electrical Engineering, Mechanical Engineering and Naval Architecture, Ruđera Boškovića 32, 21000 Split

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Fuel Cells, Hydrogen, Heat Transfer, Electrochemical Energy Conversion

**Bartolić, Juraj**, Prof. Ph.D.

Born: 1948

Department of Communication Systems

Member of the Academy (admitted 1998)

B.Sc. in Electrical Engineering (1971), M.Sc. in Electrical Engineering (1975), Ph.D. in Electrical Engineering (1982), all from the University of Zagreb, Faculty of Electrical Engineering and Computing

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Microwave Engineering, Antennas, Electromagnetics, Wireless Communications

**Bedeković, Gordan**, Assist. Prof. Ph.D.

Born: 1967

Department of Mining and Metallurgy

Associate of the Academy (admitted 2009)

B.Sc. in Mining Engineering (1993), M.Sc. in Mining Engineering (1999), Ph.D. in Mining Engineering (2003), all from the University of Zagreb, Faculty of Mining, Geology and Petroleum Engineering University of Zagreb, Faculty of Mining Geology and Petroleum Engineering, Pierottijeva 6, 10002 Zagreb

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Mineral Processing, Environmental Protection, Solid Waste Recycling

**Begušić, Dinko, Prof. Ph.D.**

Born: 1960

Department of Information Systems

Member of the Academy (admitted 2009)

B.Sc. in Electrical Engineering (1983), University of Split, Faculty of Electrical Engineering, Mechanical Engineering and Naval Architecture, M.Sc. in Electrical Engineering (1988), Ph.D. in Electrical Engineering (1992), both from the University of Zagreb, Faculty of Electrical Engineering and Computing
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Information and Communication Technologies and Systems, Signal Processing

**Benčić, Zvonko, Prof. Ph.D.**

Born: 1940

Department of Electrical Engineering and Electronics

Emeritus of the Academy (admitted 1993)

B.Sc. in Electrical Engineering (1963), University of Zagreb, Faculty of Electrical Engineering and Computing, M.Sc. in Physics (1969), University of Zagreb, Faculty of Science, Ph.D. in Electrical Engineering (1988), University of Zagreb, Faculty of Electrical Engineering and Computing

University of Zagreb, Faculty of Electrical Engineering and Computing, Unska 3, 10000 Zagreb

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+385 1 6170007

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Power Electronics, Semiconductor Devices, Professional Communication, Editing

Secretary of the Department of Electrical Engineering and Electronics (2005-2009)

**Berberović, Sead, Prof. Ph.D.**

Born: 1953

Department of Electrical Engineering and Electronics

Member of the Academy (admitted 1994)

B.Sc. in Electrical Engineering (1975), M.Sc. in Electrical Engineering (1983), Ph.D. in Electrical Engineering (1991), all from the University of Zagreb, Faculty of Electrical Engineering and Computing

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Electromagnetic Field Theory, Numerical Field Computation, Calculation of Grounding Systems, Design of Electrical Machines

**Beslać, Jovo**, Prof. Ph.D.

Born: 1935

Emeritus of the Academy (admitted 2000)

B.Sc. in Civil Engineering (1963), M.Sc. in Civil Engineering (1975),

Ph.D. in Civil Engineering (1984), all from the University of Zagreb,

Faculty of Civil Engineering

Civil Engineering Institute of Croatia, Janka Rakuše 1, 10000 Zagreb

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Winter Concreting, Rapid Hardening of Concrete, Durability of

Concrete, High Quality of Concrete, Repair of Concrete Structures,

Properties of Concrete, Concrete Technology, Realization of Concrete

Structures, Durability of Concrete and Concrete Structures

**Biondić, Božidar**, Prof. Emer. Ph.D.

Born: 1940

Department of Civil Engineering and Geodesy

Emeritus of the Academy (admitted 1994)

B.Sc. in Mining Engineering (1964), University of Zagreb, Faculty of

Mining, Geology and Petroleum Engineering, M.Sc. in Geology

(1974), Ph.D. in Geology (1982), both from the University of Zagreb,

Faculty of Science

University of Zagreb, Faculty of Geotechnical Engineering, Varaždin,

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Hydrogeology and Engineering Geology, Karst Water Protection, New

Potable Water Resources, Water Management, Engineering Geological

Research for Infrastructural Objects

Chair of the Committee for the Economy (1997-2001) and (2001-2003)

**Bjegović, Dubravka**, Prof. Ph.D.

Born: 1945

Department of Civil Engineering and Geodesy

Associate of the Academy (admitted 1994)

B.Sc. in Civil Engineering (1968), M.Sc. in Civil Engineering (1968),

Ph.D. in Civil Engineering (1991), all from the University of Zagreb,

Faculty of Civil Engineering

University of Zagreb, Faculty of Civil Engineering, Kačićeva 26,

10000 Zagreb

tel: +385 1 4639255, fax: +385 1 4639206

e-mail: dubravka@grad.hr

Civil Engineering, Material Corrosion, Durability of Reinforced

Concrete Structures, Non-destructive Testing of Concrete in

Structures, Precast Concrete, Concrete Technology, Corrosion

Protection, Corrosion Inhibitors, Durability of Reinforced Concrete

*Secretary of the Department of Civil Engineering and Geodesy
(2013-2017)*

**Bogdan, Željko, Prof. Ph.D.**

Born: 1949

Department of Power Systems

Member of the Academy (admitted 1998)

B.Sc. in Mechanical Engineering (1973), University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture, M.Sc. in Mechanical Engineering (1980), Tohoku University, Ph.D. in Mechanical Engineering (1987), University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture
University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture, Ivana Lučića 5, 10000 Zagreb

tel: +385 1 6168944, +385 1 6168222, fax: +385 1 6156940

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Mathematical Modeling, Simulation and Optimization of Thermo-hydraulic Processes in Power Equipment, Thermal Power Plants

**Bogunović, Nikola, Prof. Ph.D.**

Born: 1944

Department of Information Systems

Member of the Academy (admitted 2002)

B.Sc. in Electrical Engineering (1967), M.Sc. in Electrical Engineering (1971), Ph.D. in Electrical Engineering (1984), all from the University of Zagreb, Faculty of Electrical Engineering and Computing

University of Zagreb, Faculty of Electrical Engineering and Computing, Unska 3, 10000 Zagreb

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e-mail: Nikola.Bogunovic@fer.hr, nikolabo@zemris.fer.hr

Artificial Intelligence, Formal Methods in the Design of Computing Systems, Knowledge Elicitation from Data, Intelligent Computer Based Systems, Formal Models of Complex Systems, Process Modeling

Secretary of the Department of Information Systems (2005-2009)

Chair of the Committee for Awards (2005-2009)

**Bolanča, Stanislav, Prof. Ph.D. (retired)**

Born: 1946

Department of Graphical Engineering

Member of the Academy (admitted 1998)

B.Sc. in Chemical Engineering, M.Sc. in Chemical Engineering (1978), Ph.D. in Chemical Engineering (1981), all from the University of Zagreb, Faculty of Technology
University of Zagreb, Faculty of Graphic Arts, Getaldiceva 2, 10000 Zagreb

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e-mail: sbolanca@hatz.hr

Graphic Arts Technology, Printing Technology, Main Printing Techniques, Digital Printing, Printing on Packaging

Secretary of the Department of Graphical Engineering (1998-2003) and (2003-2005)

	<p>Bolanča, Zdenka, Prof. Ph.D. (retired) Born: 1945 Department of Graphical Engineering Member of the Academy (admitted 1998) B.Sc. in Chemistry (1970), M.Sc. in Chemistry (1972), Ph.D. in Chemistry (1977), all from the University of Zagreb, Faculty of Science University of Zagreb, Faculty of Graphic Arts, Getaldićeva 2, 10000 Zagreb tel. : +385 98 275294 e-mail: zbolanca@hatz.hr Ecological Engineering, Waste Paper Recycling, Packaging Sustainability, Materials and the Environment, Nanotechnology and Environmental Risks, Sustainable Graphic Design</p>
	<p>Bonefačić, Davor, Prof. Ph.D. Born: 1968 Department of Communication Systems Member of the Academy (admitted 2004) B.Sc. in Electrical Engineering (1993), M.Sc. in Electrical Engineering (1996), Ph.D. in Electrical Engineering (2000), all from the University of Zagreb, Faculty of Electrical Engineering and Computing University of Zagreb, Faculty of Electrical Engineering and Computing, Unska 3, 10000 Zagreb tel: +385 1 6129612, fax: +385 1 6129717 e-mail: davor.bonefacic@fer.hr; http://www.fer.unizg.hr/davor.bonefacic Antennas, Microwaves, Electromagnetic Compatibility, Electromagnetic Interference, Radar Systems <i>Secretary of the Department of Communication Systems (2013-2017)</i></p>
	<p>Bošnjak, Marijan, Prof. Ph.D. (retired) Born: 1934 Department of Chemical Engineering Emeritus of the Academy (admitted 1994) B.Sc. in Chemical Engineering (1959), University of Zagreb, Faculty of Engineering, M.Sc. in Biotechnology (1961), Ph.D. in Biotechnology (1973), both from the University of Zagreb, Faculty of Technology Slovenska 19, 10000 Zagreb tel: +385 1 3702507 e-mail: Marijan.Bosnjak@hatz.hr Biochemical Engineering, Kinetics of Microbial Processes, Mathematical Modeling of Biochemical Reaction Systems, Microbial Cultivation Methods, Environmental Biotechnology, Industrial Production of Microbial Metabolites, Biochemical Reactors Chair of the Committee for Ethics (1997-2001), (2001-2003), (2003-2005) and (2005-2009)</p>

**Božičević, Josip**, Prof. Ph.D. (retired)

Born: 1929

Department of Transport

Emeritus of the Academy (admitted 1993)

Croatian Academy of Sciences and Arts (HAZU) Full Member

B.Sc. in Civil Engineering (1956), University of Zagreb, Faculty of

Engineering, Ph.D. in Civil Engineering (1965), University of

Ljubljana, Faculty of Architecture and Civil Engineering, Ph.D. in

Traffic Technology (1983), University of Rijeka, Faculty of Maritime

Studies and Transportation

The Institute of Transport and Communications, Kušlanova 2,

10000 Zagreb, tel: +385 1 2300146, e-mail: puljiz@fpz.hr

Civil Engineering, Transportation, Mathematical, Statistical and

Experimental Analyses of Vibration Problems on the Tracks and the

Sleepers

Chair of the Inaugural Assembly of the Academy (1993-1994)

President of the Academy (1993-1997)

Honorary President of the Academy (1997-2001) and (2001-2003)

Secretary of the Department of Traffic and Transportation Sciences
(1994-1997)Secretary of the Department of Traffic and Transportation (1997-2001)
and (2001-2003)**Božičević, Juraj**, Prof. Ph.D. (retired)

Born: 1935

Department of Systems and Cybernetics

Emeritus of the Academy (admitted 1993)

B.Sc. in Electrical Engineering (1961), Ph.D. in Electrical Engineering

(1980), both from the University of Zagreb, Faculty of Electrical

Engineering and Computing

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Systems Science and Cybernetics, Chemical Engineering, Process

Modeling and Control, Measurements, Knowledge Management and

Innovation, Technology Management, Intelligent Tutoring Systems,

Education

Secretary-General of the Academy (1993-1997)

Secretary of the Department of Systems and Cybernetics (1993-1997)

President of the Academy (1997-2001) and (2001-2003)

Chair of the Committee for the Information Society (1997-2001) and
(2001-2003)

Chair of the Council of the Centers (2003-2005)

Past President of the Academy (2003-2005) and (2005-2009)

Head of the Center for Developmental Studies and Projects

(2003-2005), (2005-2009), (2009-2013) and (2013-2017)

	<p>Brnić, Josip, Prof. Ph.D. Born: 1951 Department of Mechanical Engineering and Naval Architecture Member of the Academy (admitted 1994) B.Sc. in Mechanical Engineering (1976), University of Rijeka, Faculty of Engineering, M.Sc in Mechanical Engineering (1983), University of Ljubljana, Faculty of Mechanical Engineering, Ph.D. in Mechanical Engineering (1988), University of Rijeka, Faculty of Engineering University of Rijeka, Faculty of Engineering, Vukovarska 58, 51000 Rijeka tel: +385 51 651444, fax: +385 51 675818 e-mail: josip.brnic@riteh.hr Elastoplasticity, Viscoplasticity, Structural Analysis and Optimization, Metalforming, Finite Element Method, Fracture Mechanics</p>
	<p>Butković, Mirko, Prof. Ph.D. Born: 1936 Department of Mechanical Engineering and Naval Architecture Emeritus of the Academy (admitted 1994) B.Sc. in Mechanical Engineering (1961), M.Sc. in Mechanical Engineering (1971), both from the University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture, M.Sc. in Mechanical Engineering (1973), Washington University in St. Louis, The Sever Institute of Technology, Ph.D. in Mechanical Engineering (1976), University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture Polytechnic of Karlovac, Ivana Meštrovića 10, 47000 Karlovac tel: +385 47 843500, fax: +385 47 843579 e-mail: mirko.butkovic@vuka.hr Mechanical Engineering, Technical Mechanics, Mechanical Vibrations, Strength of Materials, Mechanical Integrity of Machines, Machine Dynamics, Power Engineering Secretary of the Department of Mechanical Engineering and Naval Architecture (2000-2001) and (2001-2003)</p>
	<p>Car, Stjepan, Ph.D. Born: 1949 Department of Electrical Engineering and Electronics Associate of the Academy (admitted 1995) B.Sc. in Electrical Engineering (1972), M.Sc. in Electrical Engineering (1975), Ph.D. in Electrical Engineering (1979), all from the University of Zagreb, Faculty of Electrical Engineering and Computing Končar-Electrical Engineering Institute, Inc., Fallerovo šetalište 22, 10000 Zagreb tel: +385 1 3667315, fax: +385 1 3667317 e-mail: scar@koncar-institut.hr Electrical Engineering, Electrical Machines, Electrical Drives, Management of R&D in Electrical Engineering, Renewable Energy Chair of the Committee for Cooperation with the Economy and Regional Cooperation (2005-2009)</p>

**Cerovac, Vesna, Prof. Ph.D.**

Born: 1942

Department of Transport

Member of the Academy (admitted 1993)

B.Sc. in Civil Engineering (1968), University of Zagreb, Faculty of Civil Engineering, Ph.D. in Transportation and Traffic Sciences (1976), University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture

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Traffic, Civil Engineering, Traffic Technology and Safety

Secretary of the Department of Transport (2009-2013) and (2013-2017)**Cifrek, Mario, Prof. Ph.D.**

Born: 1964

Department of Systems and Cybernetics

Collaborating Member of the Academy (admitted 2005)

B.Sc. in Electrical Engineering (1987), M.Sc. in Electrical Engineering (1992), Ph.D. in Electrical Engineering (1997), all from the University of Zagreb, Faculty of Electrical Engineering and Computing

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Sensors, Electronic Instrumentation, Design and Manufacturing of Electronic Devices, Measurement and Analysis of Biomedical Signal

**Čaušević, Mehmed, Prof. Ph.D.**

Born: 1945

Department of Civil Engineering and Geodesy

Member of the Academy (admitted 2000)

B.Sc. in Civil Engineering (1969), M.Sc. in Civil Engineering (1973), both from the University of Belgrade, Faculty of Civil Engineering, Ph.D. in Civil Engineering (1977), University of Ljubljana University of Rijeka, Faculty of Civil Engineering, Radmile Matejčić 3, 51000 Rijeka

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Earthquake Engineering, Wind Engineering, Steel Structures, Bridges, Dynamics of Structures, Stability of Structures

	<p>Čavlina, Nikola, Prof. Ph.D. Born: 1950 Department of Power Systems Member of the Academy (admitted 1998) B.Sc. in Electrical Engineering (1974), M.Sc. in Electrical Engineering (1979), Ph.D. in Electrical Engineering (1991), all from the University of Zagreb, Faculty of Electrical Engineering and Computing University of Zagreb, Faculty of Electrical Engineering and Computing, Unska 3, 10000 Zagreb tel: +385 1 6129999, fax: +385 1 6129007 e-mail: nikola.cavlina@fer.hr Nuclear Energy and Technology, Nuclear Reactor Safety, Environmental Impact Assessment <i>Secretary of the Department of Power Systems (2009-2013) and (2013-2017)</i></p>
	<p>Čišić, Dragan, Assoc. Prof. Ph.D. Born: 1955 Department of Transport Collaborating Member of the Academy (admitted 2005) B.Sc. in Electrical Engineering (1977), M.Sc. in Electrical Engineering (1982), both from the University of Zagreb, Faculty of Electrical Engineering and Computing, Ph.D. in Maritime Logistics (1999), University of Rijeka, Faculty of Maritime Studies University of Rijeka, Faculty of Maritime Studies, Studentska 2, 51000 Rijeka tel: +385 98 219600 e-mail: dragan.cisic@ri.t-com.hr; www.pfri.uniri.hr/~dragan Logistics, Electronic Commerce, Open User Centered Innovation</p>
	<p>Čorić, Većeslav, Prof. Ph.D. Born: 1946 Mechanical Engineering and Naval Architecture Member of the Academy (admitted 2002) B.Sc. in Naval Architecture (1970), M.Sc. in Naval Architecture (1978), Ph.D. in Naval Architecture (1990), all from the University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture, Ivana Lučića 5, 10000 Zagreb tel: +385 1 6168428, fax: +385 1 6156940 e-mail: veceslav.coric@fsb.hr Naval Architecture, Ship Structures, Naval Hydrodynamics, Theory of Sea Keeping, Numerical Methods, Offshore Technology (Design)</p>

**Črnko, Josip**, Prof. Ph.D.

Born: 1943

Department of Mining and Metallurgy

Member of the Academy (admitted 2002)

B.Sc. in Metallurgical Engineering (1967), M.Sc. in Metallurgical Engineering (1973), Ph.D. in Metallurgical Engineering (1978), all from the University of Zagreb, Faculty of Metallurgy
University of Zagreb, Faculty of Metallurgy, Aleja narodnih heroja, 44103 Sisak

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Separation of Metals from Secondary Raw Materials,
Thermotechnology, Industrial Furnaces, Mathematical Models of Cooling of Steel Semiproducts, Possibilities of Structural Improvements in Heating Furnaces

Secretary of the Department of Mining and Metallurgy (2009-2013)

**Čunko, Ružica**, Prof. Ph.D. (retired)

Born: 1946

Department of Textile Technology

Member of the Academy (admitted 1998)

B.Sc. in Textile Technology (1970), M.Sc. in Textile Technology (1976), Ph.D. in Textile Technology (1980), all from the University of Zagreb, Faculty of Textile Technology
University of Zagreb, Faculty of Textile Technology, Prilaz baruna Filipovića 28a, 10000 Zagreb

e-mail: ruzica.cunko@ttf.hr

New Textile Materials, Methods of Objective Evaluation of Textile Materials, Textile Quality-assurance and Management, Environmental Management in Textile Technology

**Ćosić, Krešimir**, Prof. Ph.D.

Born: 1949

Department of Systems and Cybernetics

Member of the Academy (admitted 2005)

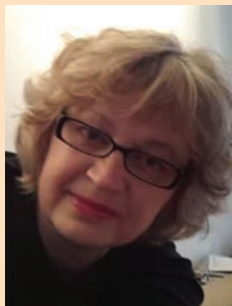
B.Sc. in Electrical Engineering (1973), M.Sc. in Electrical Engineering (1978), Ph.D. in Electrical Engineering (1984), all from the University of Zagreb, Faculty of Electrical Engineering and Computing

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Interactive Simulation Systems, Applied Virtual Reality (VR), Defense and Security Research and Development

**Dalbela Bašić, Bojana, Prof. Ph.D.**

Born: 1958

Department of Information Systems

Associate of the Academy (admitted 2013)

B. Sc. in Mathematics (1982), University of Zagreb, Faculty of Science, M. Sc. in Computer Science (1993), Ph. D. in Computer Science (1997), both from the University of Zagreb, Faculty of Electrical Engineering and Computing

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Artificial Intelligence, Machine Learning, Data and Text Mining, Natural Language Processing

**Damić, Vjekoslav, Prof. Ph.D.**

Born: 1941

Department of Systems and Cybernetics

Emeritus of the Academy (admitted 2004)

B.Sc. in Mechanical Engineering (1964), University of Sarajevo, Faculty of Mechanical Engineering, Ph.D. in Electrical Engineering

(1985), University of Sarajevo, Faculty of Electrical Engineering University of Dubrovnik, Branitelja Dubrovnika 29, 20000 Dubrovnik

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Mathematical and Computer Modeling and Simulations, Bond Graph Modeling, Engineering Graph Modeling

**Debrecin, Nenad, Prof. Ph.D.**

Born: 1953

Department of Power Systems

Member of the Academy (admitted 1999)

B.Sc. in Electrical Engineering (1975), M.Sc. in Electrical Engineering (1984), Ph.D. in Electrical Engineering (1997), all from the University of Zagreb, Faculty of Electrical Engineering and Computing

University of Zagreb, Faculty of Electrical Engineering and Computing, Unska 3, 10000 Zagreb

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Heat Transfer, Nuclear Power Plants, Accident Analysis, Nuclear Power Plant Simulation, System Thermal-hydraulic Codes, Uncertainty Analysis

**Domazet, Željko, Prof. Ph.D.**

Born: 1954

Department of Mechanical Engineering and Naval Architecture

Member of the Academy (admitted 1998)

B.Sc. in Mechanical Engineering (1978), M.Sc. in Mechanical Engineering (1986), Ph.D. in Mechanical Engineering (1993), all from the University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture

University of Split, Faculty of Electrical Engineering, Mechanical Engineering and Naval Architecture, Ruđera Boškovića bb, 21000 Split

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Mechanical Engineering, Naval Architecture, Steel Structures, Fatigue Strength of Materials, Fracture Mechanics**Domitrović, Hrvoje, Prof. Ph.D.**

Born: 1959

Department of Electrical Engineering and Electronics

Member of the Academy (admitted 2002)

B.Sc. in Electrical Engineering (1981), M.Sc. in Electrical Engineering (1987), Ph.D. in Electrical Engineering (1997), all from the University of Zagreb, Faculty of Electrical Engineering and Computing

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Acoustics, Electro Acoustics, Audio Techniques, Sound Broadcasting, Architectural Acoustics (Theatres and Churches), Sound Broadcasting (RDS Systems for FM Broadcasting), Digitalization of Radio Broadcasting

Secretary of the Department of Electrical Engineering and Electronics (2009-2013) and (2013-2017)**Dragčević, Zvonko, Prof. Ph.D.**

Born: 1946

Department of Textile Technology




Member of the Academy (admitted 2007)

B.Sc. in Textile Technology (1971), M.Sc. in Textile Technology (1976), Ph.D. in Textile Technology (1981), all from the University of Zagreb, Faculty of Technology

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e-mail: zvonko.dragcevic@tff.hr, zvonko.dragcevic@zg.t-com.hr
Industrial Engineering, Ergonomics, Technical Textile, Corrosion and Protection of Materials*Chair of the Committee for Awards (2013-2017)*

	<p>Duić, Neven, Prof. Ph.D. Born: 1965 Department of Power Systems Member of the Academy (admitted 2002) B.Sc. in Mechanical Engineering (1990), M.Sc. in Mechanical Engineering (1993), Ph.D. in Mechanical Engineering (1998), all from the University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture, Ivana Lučića 5, 10000 Zagreb tel: +385 1 6168126, fax: +385 1 6156940 e-mail: neven.duic@fsb.hr; http://powerlab.fsb.hr/neven Energy Policy and Planning, Energy Economics, Sustainable Development Policy and Resource Planning, Combustion Engineering and Modeling, Research and Innovation Policy</p>
	<p>Dujmović, Darko, Prof. Ph.D. Born: 1954 Department of Civil Engineering and Geodesy Member of the Academy (admitted 2009) B.Sc. in Civil Engineering (1978), M.Sc. in Civil Engineering (1989), Ph.D. in Civil Engineering (1996), all from the University of Zagreb, Faculty of Civil Engineering University of Zagreb, Faculty of Civil Engineering, Kačićeva 26, 10000 Zagreb tel: + 385 1 4639202, fax: + 385 1 4639202 e-mail: dujmovic@grad.hr Steel Structures, Cold Formed Steel Structures, Structural Reliability</p>
	<p>Duraković, Senadin, Prof. Emer. Ph.D. (retired) Born: 1937 Department of Bioprocess Engineering Emeritus of the Academy (admitted 1994) B.Sc. in Biotechnology (1971), M.Sc. in Biotechnology (1977), Ph.D. in Biotechnology (1981), all from the University of Zagreb, Faculty of Technology University of Zagreb, Faculty of Food Technology and Biotechnology, Pierottijeva 6, 10000 Zagreb tel: +385 1 4605284, +385 1 4605000, fax: +385 1 4836083 e-mail: senadin.durakovic@pbf.hr, sdurakovic@pbf.hr General Microbiology, Food Microbiology, Bacteriology, Mycology, Mycotoxicology</p>

**Dvornik, Josip**, Prof. Emer. Ph.D. (retired)

Born: 1938

Department of Civil Engineering and Geodesy

Emeritus of the Academy (admitted 2000)

B.Sc. in Civil Engineering (1963), M.Sc. in Civil Engineering (1971),

Ph.D. in Civil Engineering (1972), all from the University of Zagreb,
Faculty of Civil EngineeringUniversity of Zagreb, Faculty of Civil Engineering, Kačićeva 26,
10000 Zagreb

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Engineering Mechanics, Structural Engineering, Structural Stability,
Structural Dynamics**Fajt, Siniša**, Assoc. Prof. Ph.D.

Born: 1963

Department of Electrical Engineering and Electronics

Associate of the Academy (admitted 2002)

B.Sc. in Electrical Engineering (1989), M.Sc. in Electrical

Engineering (1994), Ph.D. in Electrical Engineering (2000), all from
the University of Zagreb, Faculty of Electrical Engineering and

Computing

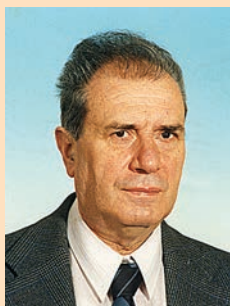
University of Zagreb, Faculty of Electrical Engineering and

Computing, Unska 3, 10000 Zagreb

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Acoustics, Electro Acoustics, Audio Techniques, Sound Broadcasting,
Architectural Acoustics, Processing of Acoustical Signals in
Communications**Feretić, Danilo**, Prof. Emer. Ph.D. (retired)

Born: 1930

Department of Power Systems

Emeritus of the Academy (admitted 1994)

B.Sc. in Electrical Engineering (1954), University of Zagreb, Faculty

of Engineering, M.Sc. in Electrical Engineering (1959), University of

Birmingham, Ph.D. in Electrical Engineering (1967), University of

Belgrade, Faculty of Electrical Engineering

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Nuclear Energy and Technology, Environmental Studies, Operational
Safety of Nuclear Reactors, Power Systems Modeling, Environmental
Impact of Electrical Energy Generating Systems

	<p>Ferić, Miljenko, Prof. Ph.D. (retired) Born: 1936 Department of Mechanical Engineering and Naval Architecture Emeritus of the Academy (admitted 1998) B.Sc. in Mechanical Engineering (1962), Ph.D. in Naval Architecture (1989), both from the University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture The Vehicle Center of Croatia, Ilica 15, 10000 Zagreb tel: + 385 1 4833444, fax: + 385 1 4833610 e-mail: miljenko.feric@cvh.hr Transport Machinery, Road Vehicles, Ship Hydrodynamics-Model Tests, Basin Experiments Ship Structure-Strength and Vibrations</p>
	<p>Fertalj, Krešimir, Prof. Ph.D. Born: 1964 Department of Information Systems Associate of the Academy (admitted 2007) B.Sc. in Electrical Engineering (1988), M.Sc. in Electrical Engineering (1993), Ph.D. in Electrical Engineering (1997), all from the University of Zagreb, Faculty of Electrical Engineering and Computing University of Zagreb, Faculty of Electrical Engineering and Computing, Unska 3, 10000 Zagreb tel: +385 1 6129918, fax: +385 1 6129915 e-mail: kresimir.fertalj@fer.hr Computer Aided Software Engineering, Applications Development, Information Systems Design and Evaluation, Project Management Secretary of the Department of Information Systems (2009-2013)</p>
	<p>Figurić, Mladen Stjepan, Prof. Ph.D. Born: 1943 Department of Bioprocess Engineering Emeritus of the Academy (admitted 1994) B.Sc. in Forestry (1966), M.Sc. in Forestry (1975), Ph.D. in Forestry (1978), all from the University of Zagreb, Faculty of Forestry University of Zagreb, Faculty of Forestry, Svetošimunska 25, 10000 Zagreb tel: +385 1 2352404, +385 1 2352555, fax: +385 1 2352530 e-mail: mladen.figuric@hrast.sumfak.hr Wood Technology, Management and Economics in Forestry and Wood Technology, Production Management in the Wood and Furniture Industry, Improvement and Rationalization of Production, Development of the Forestry and Wood Industry</p>

**Filetin, Tomislav, Prof. Ph.D.**

Born: 1949

Department of Mechanical Engineering and Naval Architecture

Member of the Academy (admitted 1994)

Croatian Academy of Sciences and Arts (HAZU) Associate Member

B.Sc. in Mechanical Engineering (1973), M.Sc. in Mechanical Engineering (1979), Ph.D. in Mechanical Engineering (1986), all from the University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture

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e-mail: tomislav.filetin@fsb.hr; <http://www.fsb.hr/~tfiletin>

Materials, Heat Treatment Processes, Expert Systems and Application of Artificial Intelligence Methods in the Prediction of Materials' Properties

Vice-President of the Academy (2003-2005)

Head of the Center for Life-Long Education (2003-2005), (2005-2009), (2009-2013) and (2013-2017)**Frančula, Nedjeljko, Prof. Emer. Ph.D. (retired)**

Born: 1937

Department of Civil Engineering and Geodesy

Emeritus of the Academy (admitted 1998)

B.Sc. in Geodesy (1962), University of Zagreb, Faculty of Architecture, Civil Engineering and Geodesy, Ph.D. in Geodesy (1971), Universität Bonn, Landwirtschaftliche Fakultät

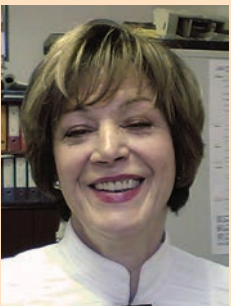
University of Zagreb, Faculty of Geodesy, Kačićeva 26, 10000 Zagreb

tel: +385 1 4639225, fax: +385 1 4828081

e-mail: nfrancul@geof.hr; <http://www.geof.hr/~nfrancul>

Geodesy, Cartography, Map Projections, Digital Cartography, Geoinformatics, Cartographic Generalization, Future of Geodesy and Surveying

Head of the Center for Geoinformation and Cartography (2004-2005)

**Franekić, Jasna, Prof. Ph.D. (retired)**

Born: 1945

Department of Bioprocess Engineering

Member of the Academy (admitted 1994)

B.Sc. in Biology (1969), University of Zagreb, Faculty of Science, M.

Sc. in Microbiology (1982), University of Zagreb, School of Medicine, Ph.D. in Biology (1987), University of Zagreb, Faculty of Science

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Genetic Toxicology, Ecotoxicology, Genotoxicity Action of Environmental Agents, Antimutagenicity of Glucosinolates

Secretary of the Department of Bioprocess Engineering (2005-2009) and (2009-2013)

**Franković, Bernard**, Prof. Ph.D.

Born: 1946

Department of Power Systems

Member of the Academy (admitted 1998)

B.Sc. in Mechanical Engineering (1971), M.Sc. in Mechanical Engineering (1978), Ph.D. in Mechanical Engineering (1990), all from the University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture

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Applied Thermodynamics, Heat Transfer: Heat Conduction, Heat Convection and Evaporation, Heat and Mass Transfer, Heat Exchangers, Regenerations, Renewable Energy

**Gajski, Daniel D.**, Prof. Ph.D.

Born: 1938

Department of Systems and Cybernetics

Honorary Member of the Academy (admitted 2000)

B.Sc. in Electrical Engineering (1962), M.Sc. in Electrical Engineering (1967), both from the University of Zagreb, Faculty of Electrical Engineering and Computing, Ph.D. in Computer and Information Sciences (1974), University of Pennsylvania

University of California at Irvine, Center for Embedded Computer Systems, 2010 AIR Building Irvine, CA 92697-2620, USA

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Science of Computer Design

**Galović, Antun**, Prof. Ph.D.

Born: 1950

Department of Mechanical Engineering and Naval Architecture

Member of the Academy (admitted 1998)

B.Sc. in Mechanical Engineering (1974), M.Sc. in Mechanical Engineering (1979), Ph.D. in Mechanical Engineering (1985), all from the University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture

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tel: +385 1 6168255, fax: +385 1 6156940

e-mail: antun.galovic@fsb.hr

Technical Thermodynamics, Temperature Fields in Solids, Heat Exchange in Fluidized Beds, Exergy and Entropy Analysis in Thermo Processes Irreversibilities

**Gaurina-Medimurec, Nediljka, Prof. Ph.D.**

Born: 1957

Department of Mining and Metallurgy

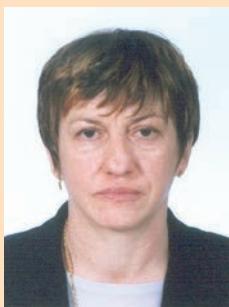
Member of the Academy (admitted 2002)

B.Sc. in Petroleum Engineering (1980), University of Zagreb, Faculty of Mining, Geology and Petroleum Engineering, M.Sc. in Petroleum Engineering (1986), University of Belgrade, Faculty of Mining and Geology, Ph.D. in Petroleum Engineering (1993), University of Zagreb, Faculty of Mining, Geology and Petroleum Engineering, University of Zagreb, Faculty of Mining, Geology and Petroleum Engineering, Pierottijeva 6, 10000 Zagreb

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Drilling Technology, Drilling Fluids, Well Cementing, Workover and Completion Fluids, Environment Protection in Petroleum Engineering

**Geršak, Jelka, Prof. Ph.D.**

Born: 1954

Department of Textile Technology

International Member (admitted 2009)

B.Sc. in Textile Technology (1979), University of Ljubljana, Faculty of Science and Technology, M.Sc. in Textile Technology (1985), University of Zagreb, Faculty of Technology, Ph.D. in Textile Technology (1990), University of Zagreb, Faculty of Textile Technology

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Clothing Engineering, Mechanics of Textile Materials, Objective Evaluation of Materials and Clothing, Modeling of Complex Textile Structures, Comfort, Thermo-physiological Comfort of Clothing, Intelligent Clothing

**Glasnović, Antun, Prof. Ph.D.**

Born: 1948

Department of Chemical Engineering

Member of the Academy (admitted 2009)

B.Sc. in Chemical Engineering (1972), M.Sc. in Chemical Engineering (1974), Ph.D. in Chemical Engineering (1980), all from the University of Zagreb, Faculty of Technology




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Mechanical, Thermal and Separation Processes, Dispersed Systems, Rheology

Secretary of the Department of Chemical Engineering (2013-2017)

	<p>Gojo, Miroslav, Prof. Ph.D. Born: 1950 Department of Graphical Engineering Associate of the Academy (admitted 2002) B.Sc. in Chemical Engineering (1976), M.Sc. in Chemical Engineering (1979), both from University of Zagreb, Faculty of Technology, Ph.D. in Chemical Engineering (1995), University of Ljubljana, Faculty of Science and Technology University of Zagreb, Faculty of Graphic Arts, Getaldićeva 2, 10000 Zagreb tel: +385 1 2371080, fax: +385 1 2371077 e-mail: gojo@grf.hr; http://forme.grf.hr/ Physical-chemical and Mechanical Properties of Surface, Printing Forms, Damping of Printing Forms, Electrochemical Deposition of Metals, Corrosion and Protection Secretary of the Department of Graphical Engineering (2009-2013)</p>
	<p>Golubović, Adrijano, Prof. Ph.D. (retired) Born: 1936 Department of Graphical Engineering Emeritus of the Academy (admitted 1998) B.Sc. in Chemical Engineering (1961), M.Sc. in Chemical Engineering (1969), Ph.D. in Chemical Engineering (1977), all from the University of Zagreb, Faculty of Technology University of Zagreb, Faculty of Graphic Arts, Getaldićeva 2, 10000 Zagreb tel: +385 1 2342157 Graphic Technology, Chemical Technology, Analytical Chemistry, Surface Technology, Materials in Printing Processes, Colorimetric Measurement in Graphic Processes</p>
	<p>Gomzi, Zoran, Prof. Emer. Ph.D. (retired) Born: 1940 Department of Chemical Engineering Member of the Academy (admitted 1993) B.Sc. in Chemical Engineering (1963), Ph.D. in Chemical Engineering (1975), both from the University of Zagreb, Faculty of Technology University of Zagreb, Faculty of Chemical Engineering and Technology, Marulićev trg 19, 10000 Zagreb tel: +385 1 4597105, fax: +385 1 4597260 e-mail: zgomzi@fkit.hr Chemical Engineering, Chemical Reaction Engineering, Process Design and Development, Mathematical Modeling, Education Secretary of the Department of Chemical Engineering and the Related Fields (2000-2003)</p>

**Grancarić, Ana Marija, Prof. Ph.D.**

Born: 1943

Department of Textile Technology

Member of the Academy (admitted 1998)

B.Sc. in Textile Technology (1967), M.Sc. in Textile Technology (1974), Ph.D. in Textile Technology (1979), all from the University of Zagreb, Faculty of Technology

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Surface Modification and Interface Phenomena of Textiles, Protective Textiles (against fire, UVR, microbes), Textile Pretreatments and Finishing

**Granić, Goran, Assist. Prof. Ph.D.**

Born: 1950

Department of Power Systems

Member of the Academy (admitted 1998)

B.Sc. in Electrical Engineering (1972), M.Sc. in Electrical Engineering (1976), Ph.D. in Electrical Engineering (1979), all from the University of Zagreb, Faculty of Electrical Engineering and Computing

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Electrical Engineering, Strategic Energy Planning, Energy Legislation, Power System Planning and Scheduling, Energy Sector Organization and Management, Energy Supply Costs and Energy Pricing Policy

Secretary-General of the Academy (2005-2009) and (2009-2012)

Chair of the Committee for Development and Regional Relations (2005-2009)

Deputy-President of the Academy (February 23, 2012-June 11, 2012)

**Grbac, Ivica, Prof. Ph.D.**

Born: 1955

Department of Bioprocess Engineering

Member of the Academy (admitted 2004)

B.Sc. in Forestry (1978), M.Sc. in Forestry (1985), Ph.D. in Forestry (1988), all from the University of Zagreb, Faculty of Forestry

University of Zagreb, Faculty of Agriculture, Svetošimunska 25, 10000 Zagreb

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e-mail: ivica.grbac@sumfak.hr, ivica.grbac@zg.t-com.hr

Furniture and Medicine Design, Construction and Quality of Wood Products, Interdisciplinary Research, Forestry, Wood Industry

**Grbavac, Vitomir**, Prof. Ph.D.

Born: 1954

Department of Transport

Associate of the Academy (admitted 2004)

B.Sc. in (Informator Science) (1980), University of Zagreb, Faculty of Organization and Informatics, B.Sc. in Law (1984), Ph.D. in Law (1986), both from the University of Zagreb, Faculty of Law
University of Zagreb, Faculty of Agriculture, Svetošimunska 25, 10000 Zagreb

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Information and Communication Systems in Traffic, Information Systems, Evolution of Information Technology, Development Computer Systems, e-Education in Traffic

**Grgić, Davor**, Assist. Prof. Ph.D.

Born: 1959

Department of Power Systems

Associate of the Academy (admitted 2002)

B.Sc. in Electrical Engineering (1981), M.Sc. in Electrical Engineering (1989), Ph.D. in Electrical Engineering (2001), all from the University of Zagreb, Faculty of Electrical Engineering and Computing

University of Zagreb, Faculty of Electrical Engineering and Computing, Unska 3, 10000 Zagreb

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Nuclear Power Plants

**Grgić, Mislav**, Prof. Ph.D.

Born: 1973

Department of Communication Systems

Member of the Academy (admitted 2004)

B.Sc. in Electrical Engineering (1997), M.Sc. in Electrical Engineering (1998), Ph.D. in Electrical Engineering (2000), all from the University of Zagreb, Faculty of Electrical Engineering and Computing

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Image and Video Compression, Multimedia Communications, Image Retrieval

**Grgić, Sonja**, Prof. Ph.D.

Born: 1965

Department of Communication Systems

Member of the Academy (admitted 1998)

B.Sc. in Electrical Engineering (1989), M.Sc. in Electrical Engineering (1992), Ph.D. in Electrical Engineering (1996), all from the University of Zagreb, Faculty of Electrical Engineering and Computing

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Video Signal Compression and Coding, Picture Quality Assessment, Digital Television

Secretary of the Department of Communication Systems (2005-2009) and (2009-2013)

**Grladinović, Tomislav**, Assoc. Prof. Ph.D.

Born: 1956

Department of Bioprocess Engineering

Associate of the Academy (admitted 2000)

B.Sc. in Forestry (1980), M.Sc. in Forestry (1987), Ph.D. in Forestry (1993), all from the University of Zagreb, Faculty of Forestry University of Zagreb, Faculty of Forestry, Svetošimunska 25, 10000 Zagreb

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Biotechnology, Wood Technology, Production Management, Simulation Modeling, Computers in Simulation

**Haznadar, Zijad**, Prof. Emer. Ph.D. (retired)

Born: 1935

Department of Electrical Engineering and Electronics

Emeritus of the Academy (admitted 1993)

B.Sc. in Electrical Engineering (1959), Ph.D. in Electrical Engineering, (1964), both from the University of Zagreb, Faculty of Electrical Engineering and Computing




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Theory of Electromagnetic Fields, Numerical Calculation in Electrical Engineering

Secretary of the Department of Electrical Engineering (1994-1997), (1997-2001) and (2001-2003)

	<p>Hebel, Zdravko, Prof. Ph.D. Born: 1943 Department of Power Systems Emeritus of the Academy (admitted 1993) B.Sc. in Electrical Engineering (1966), M.Sc. in Electrical Engineering (1974), Ph.D. in Electrical Engineering (1982), all from the University of Zagreb, Faculty of Electrical Engineering and Computing University of Zagreb, Faculty of Electrical Engineering and Computing, Unska 3, 10000 Zagreb tel: +385 1 6129980, +385 1 6190917, fax: +385 1 6129890, +385 1 6190929 e-mail: zdravko.hebel@fer.hr Electric Power Engineering, Power System Analysis, Transmission Networks, Industrial Networks Secretary of the Department of Electrical Engineering and Electronics (2009-2013)</p>
	<p>Herceg, Zoran, Prof. Ph.D. Born: 1969 Department of Bioprocess Engineering Associate of the Academy (admitted 2012) B.Sc. in Biotechnical Sciences (1994), Ph.D. in Food Technology (2000) all from University of Zagreb, Faculty of Food Technology and Biotechnology University of Zagreb, Faculty of Food Technology and Biotechnology, Pierottijeva 6, 10000 Zagreb tel: + 385 1 4605037, fax: + 385 1 4836083 e-mail: zherceg@pbf.hr Food Process Engineering, Application and Development of Novel Food Processing Technologies, Electrical Discharge Plasma, Atmospheric Gas Phase Plasma, Stability of Bioactive Components in Foods</p>
	<p>Hnatko, Emil, Prof. Ph.D. Born: 1941 Department of Transport Emeritus of the Academy (admitted 2004) B.Sc. in Mechanical Engineering (1966), University of Belgrade, Faculty of Mechanical Engineering, M.Sc. in Mechanical Engineering (1973), University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture, Ph.D. in Mechanical Engineering (1982), University of Kragujevac, Faculty of Engineering University of Osijek, Faculty of Mechanical Engineering, Trg Ivane Brlić Mažuranić 18, 35000 Slavonski Brod tel: +385 35 446188, fax: +385 35 446446 e-mail: ehnatko@sfsb.hr, emil.hnatko@vvg.hr; http://www.sfsb.hr/kem/hnatko/hnatko.htm Engines and Vehicles, Thermodynamics and Construction, Maintenance of Internal Combustion Engines and Motor Vehicles, Thermodynamics and Construction of Internal Combustion Engines, Aircraft Jet Engines, Fuel Economy of the Gasoline Engines and Ecology, Engines Exhaust Emissions</p>

**Hocenski, Željko, Prof. Ph.D.**

Born: 1952

Department of Systems and Cybernetics

Associate of the Academy (admitted 2012)

B.Sc. in Electrical Engineering (1976), M.Sc. in Electrical Engineering (1984), Ph.D. in Electrical Engineering (1996), all from the University of Zagreb, Faculty of Electrical Engineering and Computing

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Computer Design, Diagnostics, Reliability, Fault Tolerance, Automation, Process Control, Image Processing

**Horvat, Dubravko, Prof. Ph.D.**

Born: 1951

Department of Bioprocess Engineering

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B.Sc. in Mechanical Engineering (1975), University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture, M.Sc. in Agriculture (1980), University of Zagreb, Faculty of Agriculture, Ph.D. in Mechanical Engineering (1993), University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture

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Forestry Mechanization, Terrain-vehicle Systems, Special Forest Vehicles

**Horvat, Predrag, Prof. Ph.D.**

Born: 1953

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Associate of the Academy (admitted 2009)

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Bioprocess Engineering, Industrial Biotechnology

**Hranueli, Daslav**, Prof. Ph.D.

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Biotechnical Sciences, Genetics of Gram-positive Bacteria, Genome Structure, Genetic Stability, Genetics of Enzyme and Antibiotic Biosynthesis, Bioinformatics of Industrial Microorganisms

**Hraste, Marin**, Prof. Emer. Ph.D. (retired)

Born: 1938

Department of Chemical Engineering

Emeritus of the Academy (admitted 1993)

Croatian Academy of Sciences and Arts (HAZU) Full Member
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Chemical Engineering, Unit Operation Transport Phenomena, Engineering of Particulate Systems: Particle Systems and Use of their Description to Predict Behavior in a Given Geometrical Shape

Secretary of the Department of Chemical Engineering and the Related Fields (1994-1997)

Chair of the Committee for Cooperation with Higher Educational and Scientific Institutions (1997-2001)

**Ilić, Ivan**, Prof. Emer. Ph.D. (retired)

Born: 1934

Department of Electrical Engineering and Electronics

Emeritus of the Academy (admitted 1994)

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Electrical Engineering, Electrical Machines, Drives and Automation, Industrial Plants

Chair of the Committee for Cooperation with the Scientists Abroad (2001-2003)

**Jajac, Branislav, Prof. Ph.D.**

Born: 1946

Department of Electrical Engineering and Electronics

Associate of the Academy (admitted 2005)

B.Sc. in Electrical Engineering (1970), University of Split, Faculty of Electrical Engineering, M.Sc. in Electrical Engineering (1977), Ph.D. in Electrical Engineering (1984), both from the University of Zagreb, Faculty of Electrical Engineering and Computing
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Electrical Machines, Power Cables, Protection Against Atmospheric Discharge

**Janović, Zvonimir, Prof. Ph.D. (retired)**

Born: 1933

Department of Chemical Engineering

Emeritus of the Academy (admitted 1984)

B.Sc. in Chemical Engineering (1958), University of Zagreb, Faculty of Technology, Ph.D. in Chemical Engineering (1969), University of Zagreb, Faculty of Science

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Chemical Engineering, Petroleum Technology, Petrochemical Technologies, Polymerization Reactions and Processes, Specialty Polymers

Secretary of the Department of Chemical Engineering (2005-2009)

**Janjanin, Simo, Prof. Ph.D. (retired)**

Born: 1933

Department of Systems and Cybernetics

Emeritus of the Academy (admitted 1998)




B.Sc. in Electrical Engineering (1959), M.Sc. in Electrical Engineering (1967), Ph.D. in Electrical Engineering (1971), all from the University of Zagreb, Faculty of Electrical Engineering and Computing

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Mathematical Modeling and Simulation of Mechanical and Electrical Oscillating Systems using MATLAB

	<p>Jelaska, Damir, Prof. Ph.D. Born: 1947 Department of Mechanical Engineering and Naval Architecture Member of the Academy (admitted 1998) B.Sc. in Mechanical Engineering (1971), M.Sc. in Mechanical Engineering (1980), both from the University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture, Ph.D. in Mechanical Engineering (1982), University of Rijeka, Faculty of Engineering University of Split, Faculty of Electrical Engineering, Mechanical Engineering and Naval Architecture, Ruđera Boškovića bb, 21000 Split tel: +385 21 305874, fax: +385 21 463877 e-mail: djelaska@fesb.hr Machine Elements, Integrity of Gears, Operational Strength, Mechanical Transmissions</p>
	<p>Jelenčić, Ivan, Prof. Ph.D. (retired) Born: 1932 Department of Communication Systems Emeritus of the Academy (admitted 1998) B.Sc. in Electrical Engineering (1959), M.Sc. in Electrical Engineering (1971), Ph.D. in Electrical Engineering (1976), all from the University of Zagreb, Faculty of Electrical Engineering and Computing University of Zagreb, Faculty of Electrical Engineering and Computing, Unska 3, 10000 Zagreb tel: +385 1 6129702, fax: +385 1 6129680 e-mail: ivan.jelencic@fer.hr Acoustics, Electro Acoustics, Radio Communications, Architectural Acoustics, Acoustic Design, Sound Systems Engineering, Digital Transmission, Receiving Technology, AES, HA</p>
	<p>Jerbić, Bojan, Prof. Ph.D. Born: 1957 Department of Systems and Cybernetics Associate of the Academy (admitted 2007) B.Sc. in Mechanical Engineering (1983), M.Sc. in Mechanical Engineering (1987), Ph.D. in Mechanical Engineering (1993), all from the University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture, Ivana Lučića 5, 10000 Zagreb tel: +385 1 6168356 e-mail: bojan.jerbic@fsb.hr; http://www.sjever.fsb.hr/prof_jerbic/index.htm Robotics, Artificial Intelligence, Computer Methods in Designing and Programming of Automatic Systems <i>Secretary of the Department of Systems and Cybernetics (2013-2017)</i></p>

**Jerič, Viljem**, Prof. Ph.D. (retired)

Born: 1936

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Microwave Electronics and Systems in the Field of Radiocommunications and Radars, Measurements on Microwave Equipments, Electronic Navigation on Sea, Electronic Warfare, Microwave Electronics, Use of Electrical and Electronic Components in Graphic Art

**Ježek, Damir**, Prof. Ph.D.

Born: 1966

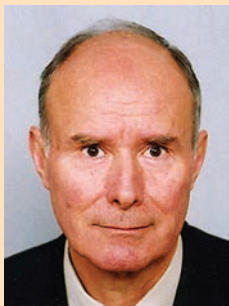
Department of Bioprocess Engineering

Associate of the Academy (admitted 2012)

B. Sc. in Biochemical Engineering (1990), M. Sc. in Biochemical Engineering (1995), Ph. D. in Biotechnology (1999), all from the University of Zagreb, Faculty of Food Technology and Biotechnology, University of Zagreb, Faculty of Food Technology and Biotechnology, Pierottijeva 6, 10000 Zagreb

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Heat Exchanger, Fluidization, Extrusion, Texture Analysis, Ultrasound, High Hydrostatic Pressure

**Jović, Franjo**, Prof. Ph.D.

Born: 1940

Department of Systems and Cybernetics

Member of the Academy (admitted 1993)

B.Sc. in Electrical Engineering (1963), M.Sc. in Electrical Engineering (1967), Ph.D. in Electrical Engineering (1972), all from the University of Zagreb, Faculty of Electrical Engineering and Computing




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Process Control, Artificial Intelligence, Information Processing, Functional Networks, Process Monitoring, System Modeling, Qualitative Modeling

Secretary of the Department of Systems and Cybernetics (2009-2013)
Chair of the Committee for Ethics (2009-2013) and (2013-2017)

	<p>Jukić, Tihomir, Assoc. Prof. Ph.D. Born: 1954 Department of Architecture and Urban Planning Member of the Academy (admitted 2005) B.Sc. in Architecture (1979), M.Sc. in Architecture (1985), both from University of Zagreb, Faculty of Architecture, M.Sc. in Architecture, University of Twente, Faculty of Architecture, Ph.D. in Architecture (1998), University of Zagreb, Faculty of Architecture University of Zagreb, Faculty of Architecture, Kačićeva 26, 10000 Zagreb e-mail: jukic.tihomir@arhitekt.hr Urbanism, Environmental Planning <i>Secretary of the Department of Architecture and Urban Planning (2009-2013) and (2013-2017)</i></p>
	<p>Juras, Ivan, Prof. Ph.D. Born: 1941 Department of Architecture and Urban Planning Emeritus of the Academy (admitted 2001) B.Sc. in Architecture (1967), M.Sc. in Architecture (1981), Ph.D. in Architecture (1990), all from the University of Zagreb, Faculty of Architecture University of Zagreb, Faculty of Architecture, Kačićeva 26, 10000 Zagreb tel: +385 1 4639259, fax: +385 1 4828079 e-mail: ivan.juras@arhitekt.hr Architecture</p>
	<p>Jurković, Sonja, Prof. Ph.D. Born: 1942 Department of Architecture and Urban Planning Member of the Academy (admitted 2002) B.Sc. in Architecture (1966), University of Zagreb, Faculty of Architecture, M.Sc. in Agriculture (1976), University of Zagreb, Faculty of Agriculture, Ph.D. in Architecture (1994), University of Zagreb, Faculty of Architecture University of Zagreb, Faculty of Architecture, Kačićeva 26, 10000 Zagreb tel: +385 1 4639222/158, fax: +385 1 4639284 e-mail: sonja.jurkovic@arhitekt.hr Regional and Landscape Planning, Urban and Landscape Design</p>

**Kalpić, Damir**, Prof. Ph.D.

Born: 1947

Department of Information Systems

Associate of the Academy (admitted 1998)

B. Sc. in Electrical Engineering (1970), M.Sc. in Electrical Engineering (1974), Ph.D. in Computing (1982), all from the University of Zagreb, Faculty of Electrical Engineering and Computing

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Operational Research, Mathematical Modeling, Data Modeling, Software for Linear Programming and Related Fields, Production Planning Software, Business Process Reengineering, Information Systems, Natural Language Processing**Karlović, Damir**, Prof. Emer. Ph.D. (retired)

Born: 1938

Department of Bioprocess Engineering

Emeritus of the Academy (admitted 2002)

B.Sc. in Food Engineering (1969), Ph.D. in Food Engineering (1982), both from the University of Zagreb, Faculty of Technology University of Zagreb, Faculty of Food Technology and Biotechnology, Pierottijeva 6, 10000 Zagreb

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Carbohydrate Chemistry and Technology, Food Engineering, Food Technology, Sweeteners Chemistry and Technology of Sweeteners, Food Processing

**Katavić, Ivan**, Prof. Emer. Ph.D. (retired)

Born: 1929

Department of Mechanical Engineering and Naval Architecture

Emeritus of the Academy (admitted 1998)

B.Sc. in Metallurgical Engineering (1957), University of Ljubljana, Faculty of Engineering Ph.D. in Metallurgical Engineering (1976), University of Rijeka, Faculty of Engineering

Ante Kovačića 22, 51000 Rijeka

tel: +385 51 515016

Casting Technology, Casting Alloys, Wear-resistant Casting Alloys

**Katović, Drago**, Prof. Emer. Ph.D.

Born: 1941

Department of Textile Technology

Emeritus of the Academy (admitted 1994)

B.Sc. in Textile Technology (1977), M.Sc. in Textile Technology (1982), Ph.D. in Textile Technology (1985), all from the University of Zagreb, Faculty of Technology

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Textile Chemistry, Determination of Iron and Copper, Free Formaldehyde, Polycarboxylic Acids, Durable Press Finishing, Microwave Treatment

**Kelemen, Tomislav**, Prof. Ph.D. (retired)

Born: 1932

Emeritus of the Academy (admitted 1995)

B.Sc. in Electrical Engineering (1957), Ph.D. in Electrical Engineering (1974) both from the University of Zagreb, Faculty of Electrical Engineering and Computing

Končar-Electrical Engineering Institute, Inc., Fallerovo šetalište 22, 10000 Zagreb

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Theoretical and Applied Electrical Engineering, R&D in Power and Instrument Transformers as Products, Power and Instrument Transformers in Interaction with Networks, Development of Power and Instrument Transformers for Voltages up to 400 kV

**Kipphan, Helmut**, Prof. Ph.D. Ing. Habil.

Born: 1943

Department of Graphical Engineering

International Member of the Academy (admitted 2012)

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Measurement Techniques and Systems, Measurement and Automation Control, Printing Technologies, Print and Media Technologies and System Design, Theory of Color, Photography, Education and Professional Training, Cartography, Geophysics, Geography and Ethnology

**Kirinčić, Josip**, Prof. Ph.D. (retired)

Born: 1924

B.Sc. in Traffic Engineering (1975), University of Rijeka, Faculty of Maritime and Traffic Engineering, Ph.D. in Mechanical Engineering

(1980), University of Rijeka, Faculty of Engineering

Honorary Member of the Academy (admitted 1998)

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Technology of Maritime Transport, Maritime Engineering,
Improvement of Port Efficiency, Development of Ports**Kliček, Božidar**, Prof. Ph.D.

Born: 1957

Department of Information Systems

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B.Sc. in Electrical Engineering (1980), M.Sc. in Electrical Engineering (1988), both from University of Zagreb, Faculty of

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Information Science, Intelligent Systems, Multimedia Systems,
Complex Systems, Information Technology in Tourism**Kniewald, Jasna**, Prof. Ph.D. (retired)

Born: 1938

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B.Sc. in Biotechnology (1962), Ph.D. in Biotechnology (1965), both from the University of Zagreb, Faculty of Technology

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Environmental Protection, Pesticide Toxicology, Toxicity Processes in Reproductive Biochemical Mechanisms, Cell Culture Technology, In Vitro Testing/Trial Methods

Secretary of the Department of Bioprocess Engineering (1994-1997), (1997-2001), (2001-2003) and (2003-2005)

Chair of the Committee for International Cooperation (1997-2001), (2003-2005) and (2005-2009)

Chair of the Committee for International Cooperation of the Academies (2001-2003)



Kniewald, Zlatko, Prof. Emer. Ph.D. (retired)

Born: 1938

Department of Bioprocess Engineering

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B.Sc. in Biotechnology (1961), University of Zagreb, Faculty of Technology, M.Sc. in Physical Chemistry (1966), University of Zagreb, Faculty of Pharmacy and Biochemistry, Ph.D. in Biochemistry – Neuroendocrinology and Neuroregulation (1970), University of Zagreb, Faculty of Technology, realized as Ford Foundation Fellow 1968-1970 on Department of Pharmacology, University of Milano, Italy

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Biochemical Engineering, Cell Culture Technology, Endocrine Secretion and Regulation, Science Policy, Intellectual Property Protection

President of the Academy (2003-2005) and (2005-2009)

Chair of the Scientific Fund (2005-2009) and (2009-2013)

Past President of the Academy (2009-2013)

Secretary of the Department of Bioprocess Engineering (2013-2017)



Komadina, Pavao, Prof. Ph.D.

Born: 1946

Department of Transport

Member of the Academy (admitted 1998)

B.Sc. in Marine Engineering (1980), M.Sc. in Marine Engineering (1985), Ph.D. in Marine Engineering (1991), all from the University of Rijeka, Faculty of Maritime Studies

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Maritime Technology, Shipping, Environmental Sea Protection, Port and Harbor Facilities, Sea Navigation, Simulation and Simulators, Mathematical Models of Optimum Tanker Size, Routing Systems in the Adriatic Sea (Separation Lanes), Safety of Navigation

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Born: 1960

Department of Power Systems

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B.Sc. in Electrical Engineering (1981), M.Sc. in Electrical Engineering (1993), Ph.D. in Electrical Engineering (2007), all from the University of Zagreb, Faculty of Electrical Engineering and Computing

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Electric Power Systems, Electric Power Networks, Distribution Networks, Liberalization of Energy Markets, Power Engineering

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Born: 1943

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Member of the Academy (admitted 1998)

B.Sc. in Naval Architecture (1971), M.Sc. in Naval Architecture (1981), Ph.D. in Naval Architecture (1997), all from the University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture Shipbuilding Institute, Marine Research & Advanced Technologies, Avenija Većeslava Holjevca 20, 10020 Zagreb

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Electro-hydraulic Systems, Control and Control System

**Kos, Serdo, Prof. Ph.D.**

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Maritime Technology, Shipping, Theory of Navigation, Terrestrial Navigation, Astronomical Navigation, Electronic Navigation, Optimization of Ship's Routing Systems, Integrated and Multi-modal Transportation, Multimodal Transport Networks

**Kos, Tomislav**, Prof. Ph.D.

Born: 1958

Department of Communication Systems

Associate of the Academy (admitted 2004)

B.Sc. in Electrical Engineering (1981), M.Sc. in Electrical Engineering (1987), Ph.D. in Electrical Engineering (1998), all from the University of Zagreb, Faculty of Electrical Engineering and Computing

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Radio Direction Finding and Radio Navigation, Satellite Positioning Systems, Broadband Networks, Cable Television, Public Mobile Networks

**Kos, Vesna**, Prof. Ph.D. (retired)

Born: 1930

Department of Electrical Engineering and Electronics

Emeritus of the Academy (admitted 1998)

B.Sc. in Electrical Engineering (1956), M.Sc. in Electrical Engineering (1965), Ph.D. in Electrical Engineering (1972), all from the University of Zagreb, Faculty of Electrical Engineering and Computing

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Electrical Engineering, Traffic, Application of Electrical Engineering in Traffic

**Kos, Zorko**, Prof. Emer. Ph.D. (retired)

Born: 1930

Emeritus of the Academy (admitted 1994)

B.Sc. in Civil Engineering (1956), University of Zagreb, Faculty of Engineering, Ph.D. in Civil Engineering (1979), University of Zagreb, Faculty of Civil Engineering

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Irrigation and Drainage, Flood Control, Water Resources Systems

**Kovač, Mario**, Prof. Ph.D.

Born: 1965

Department of Information Systems

Member of the Academy (admitted 1998)

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Multimedia Systems (Digital, Video and Audio), Multimedia Architectures and Algorithms, Data Compression, Digital Content Distribution and Digital Rights Management, Audio-visual Data Compression Algorithms (MPEG-1, MPEG-2, MPEG-4, JPEG)

Secretary of the Department of Information Systems (2013-2017)**Kovačević Zelić, Biljana**, Prof. Ph.D.

Born: 1964

Department of Mining and Metallurgy

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B.Sc. in Mining Engineering (1988), M.Sc. in Mining Engineering (1994), Ph.D. in Mining Engineering (2000), all from the University of Zagreb, Faculty of Mining, Geology and Petroleum Engineering, Pierottijeva 6, 10000 Zagreb

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Geotechnical Engineering, Soil Mechanics, Environmental Geotechnics

**Kovačić, Davorin**, Prof. Ph.D. (retired)

Born: 1945

Department of Civil Engineering and Geodesy

Associate of the Academy (admitted 2005)

B. Sc. in Civil Engineering (1969), University of Zagreb, Faculty of Civil Engineering, M.Sc. in Civil Engineering (1976), University of Wales, Faculty of Civil Engineering, Ph.D. in Civil Engineering (1990), University of Zagreb, Faculty of Civil Engineering Milana Rešetara 12, 10090 Zagreb

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Civil Engineering, Geotechnical Engineering, Environmental Engineering, Geotechnical Structures, Sanitary Landfills

	<p>Krajcar, Slavko, Prof. Ph.D. Born: 1951 Department of Power Systems Member of the Academy (admitted 1995) B.Sc. in Electrical Engineering (1973), M.Sc. in Electrical Engineering (1980), Ph.D. in Electrical Engineering (1988), all from the University of Zagreb, Faculty of Electrical Engineering and Computing University of Zagreb, Faculty of Electrical Engineering and Computing, Unska 3, 10000 Zagreb tel: +385 1 6129999, fax: +385 1 6170007 e-mail: slavko.krajcar@fer.hr Power Engineering, Power Plants, Distribution Networks, Planning Electrical Lighting, Program Codes for Distribution Network Planning, Modern Electrical Lighting, Liberalization of Energy Markets Secretary of the Department of Power Systems (2003-2005) and (2005-2009)</p>
	<p>Krakar, Zdravko, Prof. Ph.D. Born: 1945 Department of Information Systems Member of the Academy (admitted 1998) B.Sc. (1968), University of Zagreb, Faculty of Technology, M.Sc. in Electrical Engineering (1973), University of Zagreb, Faculty of Electrical Engineering and Computing, Ph.D. in Informatic Science (1981), University of Zagreb, Faculty Organization and Informatics University of Zagreb, Faculty for Organization and Informatics, Pavlinska 2, 42000 Varaždin tel: +385 1 4855271, fax: +385 1 4855273 e-mail: zkrakar@zih.hr; http://www.foi.unizg.hr/djelatnici/zdravko.krakar Integrated Methods of Management via Information Technology, Quality Management Systems in Informatics, Software Process Improvement Methods, Integrated Information Security Systems, Application of ICT Consultancy in Management Systems</p>
	<p>Kralik, Gordana, Prof. Emer. D.Sc, Dr.h.c. Born: 1943 Department of Bioprocess Engineering Member of the Academy (admitted 2009) B.Sc. in Agriculture (1965), M.Sc. in Agriculture (1974), both from the University of Osijek, Faculty of Agriculture, Ph.D. in Chemical Engineering (1976), University of Zagreb, Faculty of Technology, Ph.D. in Biotechnical Sciences (1985) University of Osijek, Faculty of Agriculture Faculty of Agriculture in Osijek, Kralja Petra Svačića 1d, 31000 Osijek tel: +385 31 554 863, fax: +385 31 554 853 e-mail: gkralik@pfos.hr Biotechnical Sciences, Zootechnics, Animal Products, Functional Food</p>

**Kralj, Damir, Ph.D.**

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Industrial Crystallization, Mechanism and Kinetics of Precipitation of Slightly Soluble Salts, Precipitation in Natural and Technological Waste Waters, Biomineralization and Pathological Mineralization

**Križan, Božidar, Prof. Ph.D.**

Born: 1946

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Machine Elements, Gear Design, Systematic Design**Kropar Vančina, Vesna, Prof. Ph.D.**

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Materials in Printing Processes: Paper, Ink, Polymers

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Materials in Mechanical Engineering, Heat Treatment Materials, New Materials and Technologies, Heat Treatment and Surface Engineering, Thermomdiffusion in Heat Treatment, Tribology

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B.Sc. in Geological Engineering (1989), M.Sc. in Geological Engineering (1977), Ph.D. in Geological Engineering (2002), all from the University of Zagreb, Faculty of Mining, Geology and Petroleum Engineering

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Rock Mechanics, Mechanical Rock Comminution, Quarrying of Dimension Stone

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B.Sc. in Chemistry (1971), University of Zagreb, Faculty of Science, M.Sc. in Chemical Engineering (1975), University of Zagreb, Faculty of Technology, Ph.D. in Chemical Engineering (1979), University of Houston

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Chemical Engineering, Biochemical Engineering, Food Engineering, Process Control, Process Modeling

**Kviz, Boris**, Prof. Ph.D. (retired)

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Optoelectronics, Optical Communications, Radiopositioning, Radionavigation, Radiotelemetry

**Ladanyi, Branko**, Prof. Emer. Ph.D. (retired)

Born: 1922

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Artificial Ground Freezing, Northern Construction, Climatic Change Effects

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B.Sc. in Mathematics (1976), University of Zagreb, Faculty of Science, M.Sc. in Geodesy (1991), Ph.D. in Geodesy (1996), both from the University of Zagreb, Faculty of Geodesy

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Geodesy, Cartography, Geoinformatics, Mathematics, History of Science, Map Projections, Mathematical Processing of Geodetic Data, History of Cartography

Secretary-General of the Academy (2003-2005)

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	<p>Lelas, Vesna, Prof. Ph.D. Born: 1947 Department of Bioprocess Engineering Member of the Academy (admitted 2000) B.Sc. in Food Technology (1972), University of Zagreb, Faculty of Technology, M.Sc. in Food Technology (1980), University of Zagreb, Ph.D. in Food Technology (1985), University of Zagreb, Faculty of Food Technology and Biotechnology University of Zagreb, Faculty of Food Technology and Biotechnology, Pierottijeva 6, 10000 Zagreb tel: +385 1 4605287, fax: +385 1 4836083 e-mail: vlelas@pbf.hr Preservation Processes of Various Foodstuffs, Rheological and Thermophysical Properties of Food, Application of High Hydrostatic Pressure, Tribomechanical Micronization and Ultrasound Processing in Food Technology</p>
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	<p>Lipovac, Vladimir, Prof. Ph.D. Born: 1956 Department of Communication Systems Member of the Academy (admitted 2004) B.Sc. in Electrical Engineering (1976), M.Sc. in Electrical Engineering (1984), both from the University of Sarajevo, Faculty of Electrical Engineering, Ph.D. in Electrical Engineering (1989), University of Belgrade, Faculty of Electrical Engineering University of Dubrovnik, Branitelja Dubrovnika 29, 20000 Dubrovnik tel: +385 20 445748, fax: +385 20 435590 e-mail: vlipovac@unidu.hr Mobile Radio Communications, Microwave Communication Systems, Communication Theory, Computer Networks and Protocols, Test and Measurement in Communication Systems</p>

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Material Science and Engineering Heat Treatment, Surface Engineering, Heat Treatment of Steel

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Construction, Construction Organization, Const.Technology, Planning,

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Organization, Technology

**Lončarić, Sven**, Prof. Ph.D.

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B.Sc. in Electrical Engineering (1985), M.Sc. in Electrical

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Advanced Processes in Graphic Reproduction: Physico Chemical and Electro Chemical Aspects of Imaging

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Food Science, Food Engineering, Food Technology, Food Preservation, Food Color and Flavor Stability, Food Preservation Processes (Freezing, Drying, Freeze Drying, Non-thermal Processing), New Food Product and Process Development, Processing Plant Design

**Ljuljka, Boris**, Prof. Ph.D. (retired)

Born: 1937

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B.Sc. in Forestry (1960), M.Sc. in Forestry (1970), Ph.D. in Forestry (1974), all from the University of Zagreb, Faculty of Forestry
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Wood Finishing, Wood Gluing, Furniture Quality, Manufacturing of Furniture

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Mechanical Engineering, Information Systems, Production Management, Maintenance Planning Methods, Development of ERP Systems, Single Production Management, Maintenance of Information Systems, New Planning Methods, Optimization of Project Duration

**Malarić, Krešimir, Assoc. Prof. Ph.D.**

Born: 1969

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Wireless Communications, Satellite Communications, Electromagnetic Compatibility, Biomedical Effects of Electromagnetic Fields

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Energy, Environmental Protection, Infrastructure Site Selection and Investigations, Environmental Reports and Environmental Impact Assessment Studies, Licensing Activities, Waste Management, Health and Environmental Risk Analyses

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	<p>Mandžuka, Sadko, Ph.D. Born: 1956 Department of Systems and Cybernetics Associate of the Academy (admitted 2005) B.Sc. in Electrical Engineering (1980), M.Sc. in Electrical Engineering (1992), Ph.D. in Electrical Engineering (2003), all from the University of Zagreb, Faculty of Electrical Engineering and Computing Faculty of Transport and Traffic Sciences, University of Zagreb, Vukelićeva 4, 10000 Zagreb tel: +385 1 6504409, +385 98 966 5619, fax: +385 1 6504400 e-mail: sadko.mandzuka@fpz.hr, Intelligent Transport Systems, Autonomic Road Transport Support Systems, Cooperative Systems in Transport, Ship Control, Incident Management Systems</p>
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Metallurgy, Metallurgy of Iron and Steel, Metallurgy of Aluminium,
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Computational Mechanics, Experimental Methods, Numerical
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Chair of the Scientific Fund (2013-2017)

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Petroleum Engineering, Corrosion and Material Protection Tribology, Drilling Techniques, Well Completion and Workover, Drilling and Production of Water, Corrosion and Protection of Materials, Waste Disposal by Injection into Deep Wells

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**Math, Miljenko, Prof. Ph.D.**

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Mechanical Engineering, Technology

**Matijašević, Ljubica**, Prof. Ph.D.

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Chemical Engineering, Analysis, Synthesis and Process Control, Mass and Heat Integration of Processes, Environmental Protection, Cleaner Production

**Medak, Damir**, Prof. Ph.D.

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Geodesy, Geoinformatics, Geomatics, Spatial Databases, Spatial Data Analysis, Software Engineering

Secretary of the Department of Civil Engineering and Geodesy (2009-2013)

**Medica, Vladimir**, Prof. Ph.D.

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B.Sc. in Mechanical Engineering (1974), University of Rijeka, Faculty of Engineering, M.Sc. in Mechanical Engineering (1982), University of Ljubljana, Faculty of Mechanical Engineering, Ph.D. in Mechanical Engineering (1988), University of Rijeka, Faculty of Engineering
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Technical Sciences, Mechanical Engineering, Internal Combustion Engines, Heat Engines, Combustion, Naval Machinery, Mechanical Vibrations

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	<p>Medved, Vladimir, Prof. Ph.D. Born: 1951 Department of Systems and Cybernetics Member of the Academy (admitted 1998) B.Sc. in Electrical Engineering (1974), M.Sc. in Electrical Engineering (1977), Ph.D. in Electrical Engineering (1988), all from the University of Zagreb, Faculty of Electrical Engineering and Computing University of Zagreb, Faculty of Kinesiology, Horvaćanski zavoj 15, 10000 Zagreb tel: +385 1 3658666, -670, fax: +385 1 3634146 e-mail: vladimir.medved@kif.hr, Vladimir.Medved@hatz.hr; www.kif.unizg.hr/vladimir.medved Biomedical Engineering, Biomechanics, Biomedical Signal Processing, Kinesiological Electromyography, Human Locomotion Secretary of the Department of Systems and Cybernetics (2003-2005) and (2005-2009) Administrative Secretary-General of the Academy (2006-2008) Chair of the Committee for International Cooperation (2009-2013) <i>Vice-President of the Academy (2013-2017)</i></p>
	<p>Medved Rogina, Branka, Assoc. Prof. Ph.D. Born: 1958 Department of Communication Systems Member of the Academy (admitted 1998) B.Sc. in Electrical Engineering (1981), M.Sc. in Electrical Engineering (1992), Ph.D. in Electrical Engineering (1997), all from the University of Zagreb, Faculty of Electrical Engineering and Computing Ruđer Bošković Institute, Division of Electronics, Bijenička cesta 54, 10000 Zagreb tel/fax: +385 1 4680090 e-mail: medved@irb.hr; http://www.irb.hr/eng/People/Branka-Medved-Rogina High-speed Electronics and Optoelectronics, Signal Processing and Statistical Data Analysis, Advanced Programmable Architectures based on FPGA Embedded Systems Design</p>
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Manufacturing Systems, Computer Integrated Manufacturing,

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Telecommunication Systems in Traffic, Telecommunication Lines and

Networks, Electromagnetic Compatibility, Telecommunication

Terminals, Planning and Designing of

Telecommunication Facilities and Networks

	<p>Mikulić, Vladimir, Prof. Ph.D. Born: 1944 Department of Power Systems Emeritus of the Academy (admitted 1998) B.Sc. in Electrical Engineering (1968), M.Sc. in Electrical Engineering (1975), Ph.D. in Electrical Engineering (1981), all from the University of Zagreb, Faculty of Electrical Engineering and Computing University of Zagreb, Faculty of Electrical Engineering and Computing, Unska 3, 10000 Zagreb tel: +385 1 6129993, +385 1 6129999, fax: +385 1 6129890 e-mail: vladimir.mikulicic@fer.hr Electric Power Engineering, Energy Conversion Processes for Electricity Generation, Electric Power System Reliability Evaluation, Reliability Modeling in Electric Power Systems and Related Statistical Inference Secretary of the Department of Power Systems (1999-2001)</p>
	<p>Mikulić, Dinko, Assist. Prof. Ph.D. Born: 1951 Department of Systems and Cybernetics Associate of the Academy (admitted 2004) B.Sc. in Machines and Transport Vehicles (1977), M.Sc. in Military Engineering (1985), both from the Zagreb Military Academy, Ph.D. in Mechanical Engineering (1993), University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture University of Applied Sciences, Zagrebačka cesta 5, 10410 Velika Gorica tel: +385 1 6230761, fax: +385 1 6251301 e-mail: dinko.mikulic@vvg.hr Motor Vehicles, Special Vehicles, Construction Machines, Humanitarian Demining Machines, Logistics</p>
	<p>Milković, Marin, Prof. Ph.D. Born: 1975 Department of Graphical Engineering Associate of the Academy (admitted 2014) B.Sc. (1998), M.Sc. (2003), Ph.D (2006), all from the University of Zagreb, Faculty of Graphic Arts University of the North, Trg dr. Žarka Dolinara 1, 48000 Koprivnica e-mail: marin.milkovic@unin.hr Multimedia Systems, Colorimetry, Graphic Technology, Psychophysics</p>

**Milković, Mateo, Prof. Ph.D.**

Born: 1947

Department of Electrical Engineering and Electronics

Member of the Academy (admitted 2004)

B.Sc. in Electrical Engineering (1971), M.Sc in Electrical Engineering (1982), Ph.D in Electrical Engineering (1992), all from the University of Zagreb, Faculty of Electrical Engineering and Computing
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Power Engineering, Electrical Machines and Drives

**Miloš, Ivan, Prof. Ph.D.**

Born: 1948

Department of Transport

Associate of the Academy (admitted 2009)

B.Sc. in Economics (1979), M.Sc. in Economics (1983), University of Rijeka, Faculty of Economics, Ph.D. in Traffic Engineering (1989), University of Rijeka, Faculty of Maritime and Traffic Engineering
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Acting Head of the Center for Transport Engineering (2013-2017)**Mitra, Sanjit Kumar, Prof. Ph.D.**

Born: 1935

Department of Information Systems

International Member of the Academy (admitted 2014)

B. Sc. in Physics (1953), Utkal University, M. Sc. in Radio Physics and Electronics (1958), University of Calcutta, Ph. D. in Electrical Engineering (1960 and 1962) from the University of California
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Analog and Digital Signal Processing, Image and Video Processing

**Mlinarić, Hrvoje**, Assist. Prof. Ph.D.

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Department of Information Systems

Associate of the Academy (admitted 2007)

B.Sc. in Electrical Engineering (1996), M.Sc. in Electrical Engineering (2002), Ph.D. in Electrical Engineering, all from the University of Zagreb, Faculty of Electrical Engineering and Computing

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Computer science, Advance Processor Architecture, Hardware Design, Programmable Logic, Software Design

**Modlic, Borivoj**, Prof. Ph.D.

Born: 1950

Department of Communication Systems

Member of the Academy (admitted 1998)

B.Sc. in Electrical Engineering (1972), M.Sc. in Electrical Engineering (1974), Ph.D. in Electrical Engineering (1976), all from the University of Zagreb, Faculty of Electrical Engineering and Computing

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Electromagnetic Compatibility, Biomedical Effects of Electromagnetic Fields, RF Power Circuits and Transmitters, Digital Communication Systems, EMF Exposure Estimation, RF Devices Testing and Measurement

Chair of the Committee for the Awards (2003-2005)

**Moguš-Milanković, Andrea**, Ph.D.

Born: 1953

Department of Chemical Engineering

Member of the Academy (admitted 2005)

B.Sc. in Chemistry (1978), M.Sc. in Chemistry (1982), both from the University of Zagreb, Faculty of Science, Ph.D. in Chemistry (1989), Ruder Bošković Institute

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Electrical/Dielectric Properties of Materials, Glass, Glass-Ceramics, Impedance Spectroscopy

**Mornar, Vedran**, Prof. Ph.D.

Born: 1959

Department of Information Systems

Member of the Academy (admitted 2007)

B.Sc. in Electrical Engineering (1981), M.Sc. in Electrical Engineering (1985), Ph.D. in Electrical Engineering (1990), all from the University of Zagreb, Faculty of Electrical Engineering and Computing

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Operations Research, Information Systems, Programming Languages
Information Systems, e-learning

**Mrnjavac, Edna**, Prof. Ph.D.

Born: 1958

Department of Transport

Member of the Academy (admitted 1998)

B.Sc. (1981), M.Sc. (1985), Ph.D. (1986), all from the University of Rijeka, Faculty of Maritime Studies

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Traffic in Tourism, Tourism Logistics

**Mrša, Vladimir**, Prof. Ph.D.

Born: 1957

Department of Bioprocess Engineering

Associate Member (admitted 2012)

B.Sc. in Biochemical Engineering (1980), University of Zagreb, Faculty of Technology, Ph.D. in Biochemistry (1984) University of Zagreb, Faculty of Food Technology and Biotechnology




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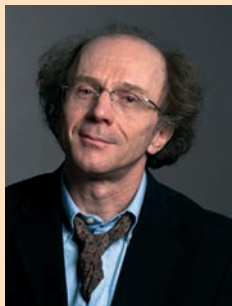
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Biotechnology of Yeasts, Yeast Cell Biology, Fungal Cell Wall Engineering, Yeast Cell Wall Proteins, Surface Display

	<p>Mrša, Zoran, Prof. Ph.D. Born: 1951 Department of Mechanical Engineering and Naval Architecture Member of the Academy (admitted 1998) B.Sc. in Mechanical Engineering (1974), University of Rijeka, Faculty of Engineering, M.Sc. in Naval Architecture (1977), University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture, Ph.D. in Naval Architecture (1983), University of Rijeka, Faculty of Engineering University of Rijeka, Faculty of Engineering, Vukovarska 58, 51000 Rijeka tel: +385 51 651444, +385 51 651500, fax: +385 51 675818 e-mail: mrsa@rijeka.riteh.hr Technical Sciences, Fluid Mechanics, Hydraulic Machinery, Computational Fluid Dynamics, Shape Optimization</p>
	<p>Munjiza, Ante, Prof. Ph.D. Born: 1960 Department of Civil Engineering and Geodesy Associate of the Academy (admitted 2012) B. Sc. (1984) from the University of Split, Faculty of Civil Engineering, Architecture and Geodesy, M. Sc. (1989) from the University Zagreb, Ph. D. in (1992) from the University of Wales University of Split, Faculty of Civil Engineering, Architecture and Geodesy, Matice hrvatske 15, 21000 Split tel: +44 (0) 207882 5300 e-mail: Ante.Munjiza@gradst.hr Finite Element Methods, Discrete Element Methods, Molecular Dynamics, Structures and Solids, Structural Dynamics</p>
	<p>Novak, Srdan, Prof. Ph.D. Born: 1952 Department of Bioprocess Engineering Member of the Academy (admitted 2000) B.Sc. in Biotechnology (1976), M.Sc. in Biotechnology (1984), Ph.D. in Biotechnology, all from the University of Zagreb, Faculty of Food Technology and Biotechnology University of Zagreb, Faculty of Food Technology and Biotechnology, Pierottijeve 6, 10000 Zagreb tel: +385 1 4605042, fax: +385 1 4836083 e-mail: srnovak@pbf.hr, snovak@unizg.hr Biochemical Engineering, Microbial Physiology, Industrial Microbiology, Microbial Biomass Production and Use, Products of Primary Metabolism, Bioreactor Design, Integrated Processes in Environment Protection</p>

**Obad-Šćitaroci, Mladen, Prof. Ph.D.**

Born: 1955

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Architecture and Urbanism, Landscape Architecture, Town Planning,
History of Landscape Architecture and Town Planning**Orešković, Vladimir, Prof. Ph.D. (retired)**

Born: 1928

Department of Textile Engineering

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B.Sc. in Mechanical Engineering (1964), University of Zagreb,
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Textile Mechanic and Comput. Design, Computer Designing of
Woven Fabrics, Mechanical Characteristics of Yarn and Woven
Fabrics, Textile and Mechanical Processes**Ožanić, Nevenka, Prof. Ph.D.**

Born: 1963

Department of Civil Engineering and Geodesy

Associate of the Academy (admitted 2012)

B.Sc. in Civil Engineering (1986), University of Rijeka, Faculty of
Civil Engineering, M.Sc. in Technical Sciences (1994), University of
Zagreb, Faculty of Civil Engineering, Ph.D. in Technical Sciences
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Hydrology, Water Management, Hydro-technical Regulation and
Melioration, Science, Development

	<p>Palik, František, Ph.D. (retired) Born: 1932 Department of Transport International Member of the Academy (admitted 2005) B.Sc. in Mechanical Engineering (1958), University of Prague, Faculty of Electro-Mechanical Engineering, Ph.D. in Traffic Engineering (1972), University of Zilina, Faculty of Traffic Engineering Faculty West Bohemia University, Univerzitni 8, Pilsen, Czech Republic tel: 00420 37 753 6402 e-mail: frantisek.palik@hatz.hr</p>
	<p>Pap, Klaudio, Assist. Prof. Ph.D. Born: 1963 Department of Graphical Engineering Associate of the Academy (admitted 2005) B.Sc. in Electrical Engineering (1988), M.Sc. in Electrical Engineering (1997), Ph.D. in Electrical Engineering (2004), all from the University of Zagreb, Faculty of Electrical Engineering University of Zagreb, Faculty of Graphic Arts, Getaldićeva 2, 10000 Zagreb tel: +385 1 6157157, fax: +385 1 6157134 e-mail: klaudio.pap@zg.t-com.hr Graphic Technology, Computer Graphics, Computer Modeling and Simulation, Digital Printing, Image and Text Processing, Graphic Programming Languages, Interactive Web Programming, Web Technology</p>
	<p>Parac-Osterman, Đurdica, Prof. Ph.D. Born: 1946 Department of Textile Technology Member of the Academy (admitted 2005) B.Sc. in Textile Technology (1970), M.Sc. in Textile Technology (1977), Ph.D. in Textile Technology (1985), all from the University of Zagreb, Faculty of Technology University of Zagreb, Faculty of Textile Technology, Prilaz baruna Filipovića 28a, 10000 Zagreb tel: +385 1 4877359, fax: +385 1 4877355 e-mail: djparac@ttf.hr Color Measurement and Color Management, Textile Dyeing and Printing, Rheological Characteristics to the System Thickener/Paint, Color Phenomena in Practical Use and Multimedia, Environmentally-friendly Dyeing Processes, Physical-chemical and Dyeing Properties of Natural and Man-made Fibers <i>Secretary of the Department of Textile Technology (2014-2017)</i></p>

**Pavić, Ivica**, Prof. Ph.D.

Born: 1962

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Power System Analysis, Transmission Lines, Power System Control, Power Quality

**Pavković, Branimir**, Prof. Ph.D.

Born: 1958

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Associate of the Academy (admitted 2012)

B. Sc. in Mechanical Engineering (1982), M.Sc. in Mechanical Engineering (1993), Ph.D. in Mechanical Engineering (1999), all from the University of Rijeka, Faculty of Engineering

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Refrigeration, Air-conditioning, Energy Efficiency, Renewable Energy Sources

**Pegan, Srećko**, Prof. Ph.D.

Born: 1949

Department of Architecture and Urban Planning

Member of the Academy (admitted 2002)

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Regional Planning, Town Planning, Urban Development, Environmental Protection

Secretary of the Department of Architecture and Urban Planning (2005-2009)

	<p>Penava, Željko, Assoc. Prof. Ph.D. Born: 1964 Department of Textile Technology Associate of the Academy (admitted 2014) B.Sc. in Textile Technology (1989), M.Sc. in Textile Technology (1993), Ph.D. in Textile Technology (2004), all from the University of Zagreb, Faculty of Textile Technology University of Zagreb, Faculty of Textile Technology, Prilaz baruna Filipovića 28a, 10000 Zagreb tel: +385 1 3712576, fax: +385 1 3712599 e-mail: zeljko.penava@ttf.hr Textile Mechanical Technology, Textile Mechanics, CAD/CAM in Textiles, Smart Textiles, Construction and Design of the Textiles</p>
	<p>Peran, Zdravko, Prof. Ph.D. Born: 1955 Department of Transport Associate of the Academy (admitted 2012) B. Sc. (1979), Ph. D. in Traffic Sciences (2005), all from the University of Zagreb, Faculty of Transport and Traffic Sciences Biogradska 11, 22000 Šibenik e-mail: zdravko.peran@si.htnet.hr tel: +385 22 214420 Engineering, Field, Traffic and Transportation, Branch Road and Rail Transport, Forensics Traffic Accidents.</p>
	<p>Perić, Nedjeljko, Prof. Ph.D. Born: 1950 Department of Systems and Cybernetics Member of the Academy (admitted 1998) B.Sc. in Electrical Engineering (1973), M.Sc. in Electrical Engineering (1980), Ph.D. in Electrical Engineering (1989), all from the University of Zagreb, Faculty of Electrical Engineering and Computing University of Zagreb, Faculty of Electrical Engineering and Computing, Unska 3, 10000 Zagreb tel: +385 1 6129855, +385 1 6129795, +385 1 6129999, fax: +385 1 6129809 e-mail: nedjeljko.peric@fer.hr; http://www.fer.hr/nedjeljko.peric Plant and Process Automation, Servo Systems, Advanced Control Algorithms (Predictive Control, Neuro-fuzzy Control), System Identification, Estimation, Applications in Power Engineering and Transport <i>Chair of the Committee for Cooperation with the Economy and Regional Cooperation (2013-2017)</i></p>

**Petrović, Ivan**, Prof. Ph.D.

Born: 1961

Department of Systems and Cybernetics

Member of the Academy (admitted 2005)

B.Sc. in Electrical Engineering (1983), M.Sc. in Electrical Engineering (1989), Ph.D. in Electrical Engineering (1998), all from the University of Zagreb, Faculty of Electrical Engineering and Computing

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Optimal Estimation, Optimal Control, Intelligent Control, Mobile Robotics, Autonomous Systems

**Pilić-Rabadan, Ljiljana**, Prof. Ph.D. (retired)

Born: 1930

Emeritus of the Academy (admitted 1994)

B.Sc. in Mechanical Engineering (1957), M.Sc. in Mechanical Engineering (1968), Ph.D. in Mechanical Engineering (1972), all from the University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture

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Hydro Turbines, Wind Energy Plants

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Department of Architecture and Urban Planning

Associate of the Academy (admitted 2005)




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Residential (Dwelling) Architecture, Design of Family Houses and Low Rise Housing

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	<p>Pozderović, Andrija, Prof. Ph.D. Born: 1950 Department of Bioprocess Engineering Associate of the Academy (admitted 2002) B.Sc. in Biotechnology (1974), M.Sc. in Biotechnology (1978), Ph.D. in Biotechnology (1984), all from the University of Zagreb, Faculty of Food Technology and Biotechnology University of Osijek, Faculty of Food Technology, Franje Kuhača 18, 31000 Osijek tel: +385 31 224313, fax: +385 31 207115 e-mail: andrija.pozderovic@ptfos.hr Processes in the Food Industry, Processing of Fruit and Vegetables, Winemaking</p>
	<p>Pribanić, Tomislav, Assist. Prof. Ph.D. Born: 1971 Department of Systems and Cybernetics Associate of the Academy (admitted 2012) B.Sc. in Electrical Engineering (1996), M.Sc. in Electrical Engineering (2001), Ph.D. in Electrical Engineering (2005), all from the University of Zagreb, Faculty of Electrical Engineering and Computing University of Zagreb, Faculty of Electrical Engineering and Computing, Unska 3, 10000 Zagreb tel: +385 1 6129937, fax: +385 1 6129652 e-mail: tomlav.pribanic@fer.hr Computer Vision, Image Processing, Biomedical Engineering, Biomedical Signal Measurement and Analysis</p>

**Pribičević, Boško, Prof. Ph.D.**

Born: 1962

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B.Sc. in Geodesy (1986), University of Zagreb, Faculty of Geodesy,

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Geodesy, Hydrography, Geodynamics

**Primorac, Dragan, Prof. M.D. Ph.D.**

Born: 1965

Honorary Member of the Academy (admitted 2007)

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Medicine, Genetics, Forensics, Pediatrics, Science and Technology, Sports, Politics

**Puž, Goran, Ph.D.**

Born: 1966

Department of Civil Engineering and Geodesy

Associate of the Academy (admitted 2009)

B.Sc. in Civil Engineering (1990), M.Sc. in Civil Engineering (1996),




Ph.D. in Civil Engineering (2005), all from University of Zagreb,

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	<p>Radić, Jure, Prof. Ph.D. Born: 1953 Department of Civil Engineering and Geodesy Member of the Academy (admitted 1993) B.Sc. in Civil Engineering (1977), M.Sc. in Civil Engineering (1980), Ph.D. in Civil Engineering (1987), all from the University of Zagreb, Faculty of Civil Engineering University of Zagreb, Faculty of Civil Engineering, Kačićeva 26, 10000 Zagreb tel: +385 1 4639222, fax: +385 1 4639206 e-mail: jradic@grad.hr Structures, Bridges, Limit States and Sustainable Bridge Engineering, Durability of Structures, Asset Management Systems of Structures, Design and Reconstruction Chair of the Committee for Cooperation with the Economy and Regional Cooperation (2003-2005) and (2009-2013)</p>
	<p>Richter, Kurt, Prof. Ph.D.(retired) Born: 1933 Department of Electrical Engineering and Electronics Honorary Member of the Academy (admitted 1994) B.Sc. in Electrical Engineering (1958), Ph.D. in Electrical Engineering (1961), all from University of Technology in Vienna University of Technology, Rechbauerstraße 12, 8010 Graz, Austrija tel: +43 664 342 6696 e-mail: k.richter@ieee.org Microwave Tubes, Microwave Measurements, Microwave Antennas, Synthetic Aperture Radar, Computational Electromagnetics</p>
	<p>Rimac-Drlje, Snježana, Prof. Ph.D. Born: 1965 Department of Communication Systems Associate of the Academy (admitted 2005) B.Sc. in Electrical Engineering (1987), M.Sc. Electrical Engineering in (1994), Ph.D. in Electrical Engineering (2000), all from the University of Zagreb, Faculty of Electrical Engineering and Computing Josip Juraj Strossmayer University of Osijek, Faculty of Electrical Engineering, Kneza Trpimira 2B, 31000 Osijek tel: +385 31 224759, fax: +385 31 224605 e-mail: rimac@etfos.hr Image Processing, Image and Video Compression and Coding, Radiowave Propagation, Multimedia Communication System</p>

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

Born: 1955

Department of Textile Technology

Member of the Academy (admitted 1996)

B.Sc. in Textile Technology (1981), M.Sc. in Textile Technology (1987), both from the University of Zagreb, Faculty of Technology, Ph.D. in Textile Technology (1994), University of Zagreb, Faculty of Textile Technology

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Clothing Engineering, Process Parameters, Intelligent Clothing, High-tech Joining Methods

Secretary of the Department of Textile Technology (2009-2013)

Secretary-General of the Academy (2013-2017)**Roje, Vesna**, Prof. Emer. Ph.D.

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Electromagnetic Fields, Antennas, Electromagnetic Compatibility

**Rotim, Franko**, Prof. Ph.D. (retired)

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Mechanical Engineering (1977), University of Warsaw, Faculty of Vehicles and Machines, Ph.D. in Transportation Engineering (1978), University of Budapest, Faculty of Transport and Traffic Engineering

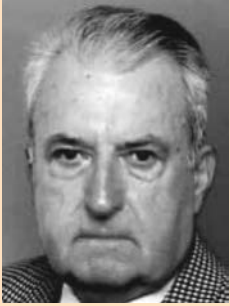
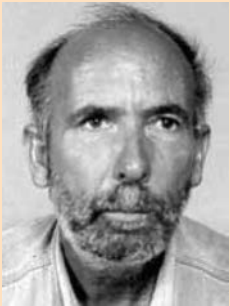

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Mechanical Engineering and Transportation, Mechanics, Traffic Engineering, Accident Reconstruction and Traffic Safety, Kinetics, Vehicle Collisions, Mechanics in Traffic

Secretary of the Department of Transport (2005-2009)

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Mineral Processing Technology, Recycling of Solid Waste Materials, Environmental Protection

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Development of Oil, Gas and Gas-condensate Reservoirs, Primary, Secondary and Tertiary Stages

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Naval Architecture, Ship and Offshore Structures, Wave Load and Structure Response, Submarine, LPG tanks, Hydroelasticity, Numerical Methods

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Geodesy, Astronomy, Metrology, Automations in the Surveying

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Telecommunication Networks, Traffic Engineering, Mobile Communications, Intelligent Networks, Traffic Planning, Optimization of Communication Networks, Intelligent Networks



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Antennas, Electromagnetic Compatibility, Wireless Communication, Maritime Radio Communications, Flow Measurement, Electromagnetic Measurements



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Improvements of Methodological Procedures for Clothing Engineering, Development of Measuring Apparatuses and Devices, Anthropometry, Clothing Modeling and Construction, Quality Systems and ISO Standards

**Valter, Zdravko, Prof. Ph.D.**

Born: 1940

Department of Electrical Engineering and Electronics

Emeritus of the Academy (admitted 1994)

B.Sc. in Electrical Engineering (1963), M.Sc. in Electrical Engineering (1972), Ph.D. in Electrical Engineering (1979), all from the University of Zagreb, Faculty of Electrical Engineering and Computing

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Electrical Machines and Drives, Measurement Technology, Automation Technologies and Systems

**Vasić-Rački, Đurđa, Prof. Ph.D.**

Born: 1946

Department of Chemical Engineering

Member of the Academy (admitted 1995)

B.Sc. in Chemical Engineering (1971), M.Sc. in Chemical Engineering (1976), Ph.D. in Chemical Engineering (1981), all from the University of Zagreb, Faculty of Technology.

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Applied Biocatalysis, Biochemical Engineering, Enzyme Reaction Engineering, Environmental Engineering

Chair of the Committee for Awards (2009-2013)

*Chair of the Council of the Centers of the Academy (2013-2017)**Head of the Center for Environmental Protection and Development of Sustainable Technologies (2003-2005), (2005-2009), (2009-2013) and (2013-2017)***Verić, Franjo, Prof. Ph.D. (retired)**

Born: 1937

Department of Civil Engineering and Geodesy

Emeritus of the Academy (admitted 2009)

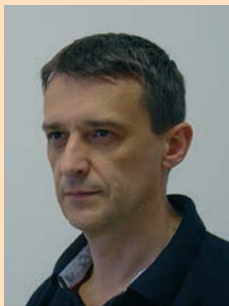
B.Sc. in Civil Engineering (1968), Ph.D. in Civil Engineering (1977), all from the University of Zagreb, Faculty of Civil Engineering

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Soil Mechanics, Foundation Engineering, Earthfill Dams, Environmental Protection-geotechnical Aspects, Geotechnical Anchors

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Born: 1966

Department of Architecture and Urban Planning

Associate of the Academy (admitted 2014)

B.Sc. in Architecture (1991), M.Sc. in Architecture (2001), Ph.D. in Architecture (2011), all from the University of Zagreb, Faculty of Architecture

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Building Construction, Thermal Insulation, Energy Efficient Building, Sound Insulation, Acoustics

**Veža, Ivica**, Prof. Ph.D.

Born: 1951

Department of Mechanical Engineering and Naval Architecture

Member of the Academy (admitted 2002)

B.Sc. in Mechanical Engineering (1975), M.Sc. in Mechanical Engineering (1980), Ph.D in Mechanical Engineering (1985), all from the University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture

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Industrial Engineering, Mechanical Engineering, Plant Layout, Computer Integrated Manufacturing, Modeling and Simulation, Production Management, Logistics

Secretary of the Department of Mechanical Engineering and Naval Architecture (2003-2005) and (2005-2009)

**Viličić, Ivan**, Prof. Ph.D.

Born: 1944

Department of Power Systems

Associate of the Academy (admitted 2005)

B.Sc. in Mechanical Engineering (1969), University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture, Ph.D. in Mechanical Engineering (1992), University of Rijeka, Faculty of Engineering



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Heating and Climatization, Secondary Power Sources, Automatization and Regulation, Heat Measurements

	<p>Virag, Zdravko, Prof. Ph.D. Born: 1955 Department of Mechanical Engineering and Naval Architecture Member of the Academy (admitted 1994) B.Sc. in Mechanical Engineering (1978), M.Sc. in Mechanical Engineering (1985), Ph.D. in Mechanical Engineering (1991), all from the University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture, Ivana Lučića 5, 10000 Zagreb tel: +385 1 6168944/137, +385 1 6168222, fax: +385 1 6156940 e-mail: zdravko.virag@fsb.hr Fluid Mechanics, Gas Dynamics, Aerodynamics, Ship Hydrodynamics, Computational Fluid Dynamics, Numerical Methods in Heat and Mass Transfer, Numerical Aerodynamics and Ship Hydrodynamics</p>
	<p>Višković, Alfredo, Assist. Prof. Ph.D. Born: 1961 Department of Power Systems Associate of the Academy (admitted 2007) B.Sc. in Electrical Engineering (1985), M.Sc. in Electrical Engineering (1989), Ph.D. in Electrical Engineering (1998), both from the University of Zagreb, Faculty of Electrical Engineering and Computing, Ph.D. in Information Science (2008), University of Zagreb, Faculty of Philosophy Hrvatska elektroprivreda d.d., Ulica grada Vukovara 37, 10000 Zagreb tel: +385 1 6322111 e-mail: alfredo.viskovic@riteh.hr keywords</p>
	<p>Vranešić, Zvonko George, Prof. Ph.D. (retired) Born: 1938 Department of Information Systems International Member of the Academy (admitted 2000) B.Sc. in Electrical Engineering (1963), M.Sc. in Electrical Engineering (1966), Ph.D. in Electrical Engineering (1968), all from the University of Toronto, Departments of Electrical Engineering and Computer Science Department of Electrical and Computer Engineering, Computer Engineering Research Group, University of Toronto, 10 King's College Road Toronto, Ontario, Canada tel: (+1)416 9785032, fax: (+1)416 9780828, e-mail: zvonko@eecg.toronto.edu; http://www.eecg.toronto.edu/~zvonko/ Computer Architecture, Multiprocessor Systems, FPGA Technology, Multiple-valued Logic, Design of Multiprocessor Systems, CAD Techniques for FPGAs</p>

	<p>Vražić, Mario, Prof. Ph.D. Born: 1971 Department of Electrical Engineering and Electronics Associate of the Academy (admitted 2014) B.Sc. in Electrical Engineering (1996), M.Sc. in Electrical Engineering (2000), Ph.D. in Electrical Engineering (2005), all from the University of Zagreb, Faculty of Electrical Engineering and Computing University of Zagreb, Faculty of Electrical Engineering and Computing, Unska 3, 10000 Zagreb tel: +385 1 6129754, fax: +385 1 6129705 e-mail: mario.vrazic@fer.hr Electrical Machines, Drives and Automation, Industrial Plants, Electric Vehicles</p>
	<p>Vrkljan, Darko, Prof. Ph.D. Born: 1952 Department of Mining and Metallurgy Member of the Academy (admitted 2009) B.Sc. in Mining Engineering (1978), M.Sc. in Mining Engineering (1992), Ph.D. in Mining Engineering (1998), all from the University of Zagreb, Faculty of Mining, Geology and Petroleum Engineering University of Zagreb, Faculty of Mining, Geology and Petroleum Engineering, Pierottijeva 6, 10000 Zagreb tel: +385 1 5535 892, fax: +385 1 5535 860 e-mail: darko.vrkljan@rgn.hr; www.rgn.hr/~dvrkljan Surface Exploitation, Mining Design, Ventilation of Mines and Tunnels, Blasting, Mining Law</p>
	<p>Vujasinović, Edita, Prof. Ph.D. Born: 1965 Department of Textile Technology Associate of the Academy (admitted 2012) B.Sc. in Textile Technology (1988), University of Zagreb, Faculty of Technology, M.Sc. in Textile Engineering (1996), Ph.D. in Textile Technology (2003), both from University of Zagreb, Faculty of Textile Technology University of Zagreb, Faculty of Textile Technology, Prilaz baruna Filipovića 28a, 10000 Zagreb tel: +385 1 3712 567 e-mail: edita.vujasinovic@ttf.hr Structure and Properties of Textile Fibers, Objective Measurement and Evaluation, Restauration and Conservation of Textile and Clothes, Fibers and Forensics, Fiber Reinforced Composites</p>

	<p>Zelenika, Saša, Prof. Ph.D. Born: 1966 Department of Mechanical Engineering and Naval Architecture Associate of the Academy (admitted 2012) M.Sc. in Mechanical Engineering (1991), University of Rijeka, Faculty of Engineering, Ph.D. in Mechanical Engineering (1996), Polytechnic University of Turin University of Rijeka, Faculty of Engineering & Center for Micro and Nano Sciences and Technologies, Vukovarska 58, 51000 Rijeka tel: +385 51 651538, fax: +385 51 651416 e-mail: sasa.zelenika@riteh.hr; http://portal.uniri.hr/portfelj/szelenika@uniri.hr, http://www.riteh.uniri.hr/zav_katd_sluz/zvd_kons_stroj/djel/szelenika_eng.html Precision Engineering, Microsystems Technologies, Compliant Mechanisms, Energy Scavenging, Measurement Techniques and Machine Elements</p>
	<p>Zelić, Bruno, Prof. Ph.D. Born: 1973 Department of Chemical Engineering Associate of the Academy (admitted 2012) B.Sc. in Chemical Engineering (1996), M.Sc. in Chemical Engineering (1999), Ph. D. in Chemical Engineering (2003), all from the University of Zagreb, Faculty of Chemical Engineering and Technology University of Zagreb, Faculty of Chemical Engineering and Technology, Marulićev trg 19, 10 000 Zagreb tel: +385 1 4597 281, fax: +385 1 4597 260 e-mail: bzelic@fkit.hr; http://pierre.fkit.hr/bsp/ Biochemical Processes, Bioseparation Processes, Microreactors, Mathematical Modeling, Process Development</p>
	<p>Zeljko, Mladen, Assist. Prof. Ph.D. Born: 1956 Department of Power Systems Associate of the Academy (admitted 2009) B.Sc. in Electrical Engineering (1979), M.Sc. in Electrical Engineering (1988), Ph.D. in Electrical Engineering (2003), all from the University of Zagreb, Faculty of Electrical Engineering and Computing Energy Institute Hrvoje Požar, Savska 163, 10000 Zagreb tel: +385 1 6326186, fax: +385 1 6040599 e-mail: mzeljko@eihp.hr; http://www.eihp.hr/~mzeljko Energy</p>

**Zovko-Cihlar, Branka, Prof. Ph.D. (retired)**

Born: 1933

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Wireless Multimedia Communications, Digital Video Communications, Television, Broadcasting Systems, Noise in Radiocommunications

Secretary of the Department of Information Technology (1994-1997)

Secretary of the Department of Communication Technology (1997-2000)

Secretary of the Department of Communication Systems (2000-2003), (2003-2005), (2005-2009) and (2009-2013)

Vice-President of the Academy (2005-2008)

Chair of the Committee for Cooperation with the Economy (1997-2001) and (2001-2003)

**Zrnčević, Stanka, Prof. Ph.D.**

Born: 1946

Department of Chemical Engineering

Member of the Academy (admitted 1994)

B.Sc. in Chemical Engineering (1969), M.Sc. in Chemical Engineering (1976), Ph.D. in Chemical Engineering (1981), all from the University of Zagreb, Faculty of Technology

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Chemical Engineering, Catalysis, Catalytic Reaction Engineering

Secretary of the Department of Chemical Engineering and the Related Fields (1997-2001), (2001-2003) and (2003-2005)

**Žagar, Mario**, Prof. Ph.D.

Born: 1952

Department of Information Systems

Member of the Academy (admitted 1995)

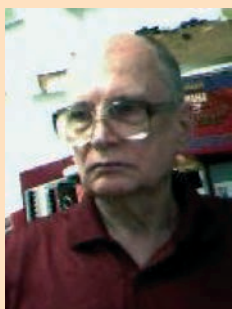
B.Sc. in Electrical Engineering (1975), M.Sc. in Electrical Engineering (1978), Ph.D. in Electrical Engineering (1985), all from the University of Zagreb, Faculty of Electrical Engineering and Computing

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Computer Systems and Processes, Distributed Computing, Pervasive Computing, Open Computing, Internet Services, Microcomputer Architectures, Software Engineering, Operating Systems, Internet Services, Java World

**Žagar, Zvonimir**, Prof. Ph.D. (retired)

Born: 1931

Department of Civil Engineering and Geodesy

Emeritus of the Academy (admitted 1998)

B.Sc. in Civil Structural Engineering (1957), Ph.D. in Technical Sciences (1985), all from the University of Zagreb, Faculty of Civil Engineering

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Structures, Timber Structures, Expert Systems, Civil and Mechanical Engineering, Artificial Intelligence, Computer Sciences

**Žanetić, Ratimir**, Prof. Ph.D. (retired)

Born: 1939

Department of Chemical Engineering

Emeritus of the Academy (admitted 1998)

B.Sc. in Chemical Engineering (1963), M.Sc. in Chemical Engineering (1969), Ph.D. in Chemical Engineering (1977), all from the University of Zagreb, Faculty of Technology

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Chemical Engineering, Mixing, Control Engineering

Secretary of the Department of Chemical Engineering (2009-2013)

**Žiljak, Vilko**, Prof. Ph.D. (retired)

Born: 1946

Department of Graphical Engineering

Member of the Academy (admitted 1998)

B.Sc. in Physics (1973), University of Zagreb, Faculty of Science,

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Computer Sciences, Printing Processes, Prepress, Digital Press, Postpress, Computer Modeling and Simulation, Computer Graphics

Secretary of the Department of Graphical Engineering (2005-2009)

Vice-President of the Academy (2009-2013)

Deputy-President of the Academy (November 20, 2012-June 20, 2013)

Head of the Center for Graphical Engineering (2006-2009),

(2009-2013) and (2013-2017)

**Županović, Ivan**, Prof. Ph.D.

Born: 1940

Department of Transport

Member of the Academy (admitted 2005)

B.Sc. in Traffic Engineering (1966), University of Belgrade, Faculty

of Traffic Engineering, M.Sc. in Traffic Engineering (1974), Ph.D. in

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Electrical Engineering, Global Methods for Design of Distribution

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Overvoltage Problems, Substation Equipment

