

HATZ News

2015 AWARDS OF THE CROATIAN ACADEMY OF ENGINEERING

The Presidency of the Croatian Academy of Engineering at its 13th Session held on April 18, 2016, has passed the decision of granting the 2015 Academy's Awards to the following nominees:

„THE POWER OF KNOWLEDGE“ LIFE-LONG ACHIEVEMENT AWARD



Prof. Emer. Zlatko Kniewald, Ph. D.

Emeritus of the Academy

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

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

Past-President of the Academy (2009-2013)

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

University of Zagreb, Faculty of Food Technology and Biotechnology, Professor Emeritus (retired)

„RIKARD PODHORSKY“ ANNUAL AWARD



Prof. Bojan Jerbić, Ph. D.

Member of the Academy

Secretary of the HATZ Department of Systems and Cybernetics (2013-2017)

University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture, Full Professor



Prof. Damir Ježek, Ph. D.

Member of the Academy

HATZ Department of Bioprocess Engineering

University of Zagreb, Faculty of Food Technology and Biotechnology, Full Professor and Dean

„VERA JOHANIDES“ JUNIOR SCIENTIST AWARD

Tomislav Capuder, Ph. D.

University of Zagreb, Faculty of Electrical Engineering and Computing, Postdoctoral Researcher, Scientific Associate, Senior Scientific Assistant

Tomislav Pukšec, Ph. D.

University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture, Postdoctoral Researcher, Scientific Associate

Ana Belšak-Cvitanović, Ph. D.

University of Zagreb, Faculty of Food Technology and Biotechnology, Postdoctoral Researcher, Senior Scientific Assistant

Ivan Marović, Ph. D.

University of Rijeka, Faculty of Civil Engineering, Postdoctoral Researcher, Scientific Associate, Senior Scientific Assistant

The Awards shall be granted at the 31st Annual Assembly of the Academy (May 11, 2016, Great Hall of the University of Zagreb).

The Presidency of the Academy congratulates the distinguished awardees.

ACKNOWLEDGEMENTS TO THE DONATORS OF FUNDS FOR THE HATZ AWARDS

Donator of Funds for „The Power of Knowledge“ Life-long Achievement Award

KONČAR Electrical Engineering Institute, Inc., Zagreb, Croatia

www.koncar-institut.com



Donator of Funds for the „Rikard Podhorsky“ Annual Award

PLIVA CROATIA, Ltd., Zagreb, Croatia

www.pliva.com



Donator of Funds for the „Vera Johanides“ Junior Scientist Award
THE VEHICLE CENTER OF CROATIA, Inc., Zagreb, Croatia

www.cvh.hr



Croatian Academy of Engineering ACTIVITIES IN 2015

Meetings of the Academy's Bodies,
Academy's Auspices, Organization and Co-Organization of Meetings,
and Major Meetings of Public Interest in 2015

Meetings of the Academy's Bodies

The majority of the Academy's activities takes place in the Academy's Bodies: Departments, Standing Committees and Centers of the Academy, the Governing Board of the Academy, the Presidency of the Academy, the Scientific Council of the Academy and the Assembly of the Academy.

In 2015 HATZ Departments, Standing Committees and Centers have held more than 30 meetings in total. The activities included especially the procedures of election of new Emeriti, Members, Associates, International and Supporting Members of the Academy as well as procedures of evaluation of candidates for the Awards of the Academy and preparation of papers for the "Annual 2015 of the Croatian Academy of Engineering". The activities have also been strongly focused on the international cooperation of the Academy. Several Departments, Committees and Centers have prepared materials for the Guest Editorial participation in the Academy's Bulletin "Engineering Power".

The Governing Board has had 20 meetings, and the Presidency of the Academy has held 4 meetings, respectively, dealing with the most imminent as well as vital and long-term organizational and decision-making matters of the Academy's scientific, expert and professional activities, membership, finances etc.

The 30th Annual (Elective) Assembly of the Academy has been held on May 13, 2015 in the Great Hall of the University of Zagreb.

The Scientific Council of the Academy has had 2 meetings in 2015, dealing with domestic and international scientific cooperation and domestic scientific institutions' status and evaluation procedure. The Council had proposed peer-reviewers for the Academy's Awards candidacies and nominated members from the Academy's Departments to the editorial bodies of the Croatian Technological Encyclopedia, which is the joint project of the Croatian Academy of Sciences and Arts, Miroslav Krleža Institute of Lexicography and Croatian Academy of Engineering.

Academy's Auspices

- Faculty of Textile Technology in Zagreb – Scientific and Professional Colloquium "Textile Science and the Economy: Functional Materials, Clothing, Footwear and Accessories" (Zagreb, January 26, 2015)

- Faculty of Mechanical Engineering and Naval Architecture in Zagreb – Final Conference of the Projekt "Additive Technologies for Small and Medium Enterprises – AdTecSME" (Zagreb, March 11, 2015)
- 5th Domestic and 1st International Scientific and Professional Meeting "Water for All" (Osijek, March 20, 2015)
- Croatian Colours Association - International Colours Day 2015 (Zagreb, March 21, 2015)
- Croatian Association of Chemical Engineers and Technologists – 25th Croatian Meeting of Chemists and Chemical Engineers (Zagreb, Faculty of Chemical Engineering and Technology, April 21-24, 2015)
- 13th European Transport Congress (Zagreb, April 23-24, 2015)
- Croatian Society of Cartography – 11th Colloquium on Cartography and Geoinformation (Buzet, May 8, 2015)
- Croatian Energy Society – Presentation of Hrvoje Požar Foundation Annual Awards (Zagreb, July 6, 2015)
- Faculty of Geodesy in Zagreb – Professional and Scientific Meeting "Shareholders' Profile in Geodesy 3: Technological Development and Professions in Geodesy and Geoinformatics" (Zagreb, October 2, 2015)
- Faculty of Civil Engineering in Zagreb and Technological University in Prague – International Conference "Applications of Structural Fire Engineering – ASFE 2015" (Dubrovnik, October 15-16, 2015)
- Faculty of Forestry in Zagreb – 26th International Conference on Wood Science and Technology "Implementation of Wood Science in Woodworking Sector" (within "Ambienta '15", Zagreb, Zagreb Fair, October 16, 2015)
- Faculty of Food Technology in Osijek and ICC – 8th International Congress "Flour-Bread '15" and 10th Croatian Congress of Flour Production and Processing Technologists "Flour-Bread '15" (Opatija, October 28-30, 2015)
- Faculty of Geodesy in Zagreb – 2nd Interdisciplinary Scientific Conference "The Western Balkans Meets the EU: Ongoing inside Geospatial Domain and Sustainable Development" (Zagreb, November 26-27, 2015)

Organization and Co-Organization of Meetings

- HATZ Department of Chemical Engineering and Pliva Croatia, Ltd., Zagreb – Scientific and Professional Meeting on Industrial Crystallization (Zagreb, January 23, 2016)
- HATZ Department of Systems and Cybernetics – Forum “Intelligent Transportation Systems” by Prof. Sadko Mandžuka, Ph. D. (Zagreb, February, 2016)
- 1st Joint Session of the Council and Coordination of the Four Academies (Croatian Academy of Engineering – HATZ, Academy of Medical Sciences of Croatia – AMZH, Academy of Legal Sciences in Croatia – APZH and Academy of Forestry Sciences – AŠZ) (HATZ, Zagreb, February 5th, 2015)
- HATZ and Croatian Engineers’ Association - The Republic of Croatia Engineers’ Day 2015 (under the auspices of HAZU and the Croatian Ministry of Economy) (Zagreb, March 2, 2015)
- HATZ Department of Transportation, HATZ Center for Traffic Engineering and Croatian Railway Traffic Employees’ Syndicate – Round Table Discussion “The Necessity of Construction of the Lowland, Two-Gauge and Electrified Railway Rijeka-Zagreb-Botovo as a Section of the Corridor 11: Baltic-Adriatic i.e. Route C-65” (Rijeka, March 23, 2015)
- HATZ Department of Systems and Cybernetics – Forum “ICT in the Economy and at the University” by Prof. Željko Hocenski, Ph. D., Prof. Franjo Jović, Ph. D. and Prof. Niko Majdandžić, Ph. D.
- HATZ Department of Graphical Engineering and HATZ Center for Graphical Engineering – Symposium “Printing & Design 2015” (Zagreb, March 27, 2015)
- HATZ Department of Systems and Cybernetics and Faculty of Electrical Engineering and Computing in Zagreb – Forum “Electrical Brain Signals” by Prof. Mario Cifrek, Ph. D. (Zagreb, April, 2015)
- 2nd Joint Session of the Council and Coordination of the Four Academies (HATZ, AMZH, APZH and AŠZ) (HATZ, Zagreb, April 13, 2015)
- Coorganization by Four Academies – Forum “Multi-disciplinary Metrics for Prediction of Mental Resilience for Performing Stressful Jobs” (Zagreb, April 14, 2015)
- HATZ Department of Graphical Engineering, Graphical Faculty in Zagreb and Polytechnics in Zagreb – Lecture by Prof. Rajendrakumar Anayath, Ph. D., “A Foray into the Concept of Quality and How Its Focus Changed from Time to Time” (Zagreb, June 2, 2015)
- HAZU Scientific Council for Technological Development and HATZ Department of Systems and Cybernetics – Lecture “Cognitive Machines – A Challenge of Trans-Disciplinarity” by Prof. Bojan Jerbić, Ph. D. (June 11, 2015)
- Joint Forum by the Council of the Four Academies (APZH, HATZ, AMZH i AŠZ) - Prof. Davor Derenčinović, Ph. D., “Croatian Legal System After the Accession of the Republic of Croatia to the European Union” (Zagreb, June 16, 2015)
- 3rd Joint Session of the Council and Coordination of the Four Academies (HATZ, AMZH, APZH and AŠZ) (HATZ, Zagreb, June 29, 2015)
- HATZ Committee for Cooperation with the Economy and Regional Cooperation and Croatian Chamber of Commerce – Round Table Discussion “Application of New Technology in the Development of Alimentary Products – Situation in the EU and the Perspectives in the Republic of Croatia by 2020” (Zagreb, July 1, 2015)
- HATZ and HAZU – Round Table Discussion on Life and Work of Faust Vrančić (Zagreb, November 5, 2015)
- HATZ Department of Systems and Cybernetics and Faculty of Electrical Engineering and Computing in Zagreb – Presentation of the Book “Geometrical Linear Holography” written by Prof. Franjo Jović, Ph. D. (Zagreb, November 23, 2015)

Participation at the Major Meetings of Public Interest

- Croatian Academy of Sciences and Arts (HAZU) – Mini-Symposium “Science in Croatia” (Zagreb, February 5, 2015)
- Office of the President of the Republic of Croatia - Ceremony of Decorations Awarding (Zagreb, February 9, 2015)
- HAZU and Ruđer Bošković Institute – Commemorative Meeting for the Late Academician Branko Souček (Zagreb, February 10, 2015)
- Faculty of Civil Engineering in Zagreb - Jubilary Session anent the Faculty Day (Zagreb, February 20, 2015)
- Academy of Medical Sciences of Croatia (AMZH) – Forum “Brain and the Art” by Academician Vida Demarin (Zagreb, February 24, 2015)
- HAZU – Round Table Discussion “National Research and Innovation Infrastructure in the Strategy of Education, Science and Technology” (Zagreb, February 26, 2015)
- Faculty of Electrical Engineering and Computing (FER) - Public Presentation of the Projects of the Faculty of Electrical Engineering and Computing in Zagreb, Co-Funded by the European Fund for Regional Development within the EFRD Call “Strengthening the Capacities for Research, Development and Innovation” (Zagreb, February 26, 2015)
- EURAXESS – EURAXESS RISE Information Day (Zagreb, March 6, 2015)

- HAZU – G. I. D.-EMAN Conference Parmenides VII – Common Heritage and Technologies: Enhancement of Heritage, a Key to Development (Dubrovnik, March 16-19, 2015)
- HAZU – Lecture by Academician Vida Demarin “A Brain That Lasts – The Newest Understandings on Brain Health Preservation” (Zagreb, March 19, 2015)
- Forum “DNA Analysis in the Function of Convicts’ Rights Protection: American Experiences and Croatian Perspectives” (Zagreb, March 20, 2015)
- Faculty of Textile Technology in Zagreb (TTF) – Scientific Forum “The New Classification of Substances and Materials – Polymers and Neo-Polymers” (Zagreb, March 26, 2015)
- HAZU Department for Medical Sciences and AMZH – Forum “Croatian Stomatology since Austro-Hungarian Monarchy till the European Union” (Zagreb, March 31, 2015)
- Faculty of Science in Zagreb - Department of Geology and Institute of Geology and Paleontology – International Conference anent the 100th Anniversary of Birth of Academician Vanda Kochansky-Devidé (Zagreb, April 9, 2015)
- Croatian Cartographic Society (CCS) and HATZ – Session of the CCS Presidency (Zagreb, April 10, 2015)
- Meeting of the Representatives of the Four Academies (Croatian Academy of Engineering, Academy of Medical Sciences of Croatia, Academy of Legal Sciences of Croatia and Academy of Forestry Sciences) with the Representatives of the Croatian President’s Protocol (Zagreb, April 14, 2015)
- HAZU – Professional Discussion “Academic Community and the EU Funds” (Zagreb, April 15, 2015)
- Ruđer Bošković Institute – CroArtScia2015 – Technological Innovation: Art&Science” (Zagreb, May 27-30, 2015 and Sisak, May 29, 2015)
- Faculty of Civil Engineering in Zagreb – Promotion of the University Textbook written by Prof. Dubravka Bječković, Ph. D. and Prof. Nina Štirmer, Ph. D., “Theory and Technology of Concrete” (Zagreb, June 10, 2015)
- Anniversary Celebration of the Croatian-Korean Business Club (Zagreb, June 15, 2015)
- Celebration of the 21th Energy Institute Hrvoje Požar Day (Zagreb, July 3, 2015)
- Croatian Statehood Foundation (ZHDZ) – International Security Conference 2015 (Zagreb, September 18, 2015)
- Ministry of Science, Education and Sports of the Republic of Croatia (MZOS) and University of Zagreb – Opening of the BIOCenter – Bio-Sciences and Commercialization Incubation Center (Zagreb, September 25, 2015)
- TTF – Scientific Forum “3D Printers and Their Application in Clothing Production” by Prof. Darko Gojanić, Ph. D. (Zagreb, September 25, 2015)
- Faculty of Geodesy in Zagreb – Jubilary Session anent the Faculty Day (Zagreb, September 25, 2015)
- HAZU – Lecture “Light in Graphical Technology and Visual Arts” by Prof. Emer. Vilko Žiljak, Ph. D. (within the Symposium “Man and Light”) (Zagreb, September 29, 2015)
- Faculty of Transportation and Traffic Sciences – The Faculty Day (Zagreb, October 12, 2015)
- CAETS Council Meeting (New Delhi, India, October 12-16, 2015)
- Jubilary Session anent the 96th Anniversary of the Faculty of Chemical Engineering and Technology in Zagreb (Zagreb, October 20, 2015)
- Croatian Gas Association and INA, Inc. - Working and Jubilary Session anent 13th Gas Days (Zagreb, October 20, 2015)
- Faculty of Forestry in Zagreb – Jubilary Session anent the 117th Anniversary and the Faculty Day (Zagreb, October 23, 2015)
- HAZU – Celebration of the 200th Anniversary of Birth of Bishop Josip Juraj Strossmayer (Zagreb, October 27, 2015)
- University of Zagreb – Dies Academicus / University of Zagreb Day (Zagreb, October 30, 2015)
- Euro-CASE Annual Conference „Engineering Smart Cities of the Future“, Board Meeting and Executive Committee Meeting (Delft and The Hague, Netherlands, November 2-3, 2015)
- MZOS – National Technological Culture Award “Faust Vrančić” 2014 Presentation Ceremony (Zagreb, November 9, 2015)
- HAZU Scientific Council for Technological Development Elective Assembly and Lecture by Prof. Nedjeljko Perić, Ph. D., “Nikola Tesla Innovation Center – A Link Connecting Science and the Economy” (Zagreb, November 17, 2015)
- Faculty of Electrical Engineering and Computing in Zagreb – The Faculty Day Celebration (Zagreb, November 20, 2015)
- AMZH – Forum “Onco-Plastic Approach to Surgical Treatment of Breast Cancer” by Prof. Zdenko Stanec, Ph. D. (Zagreb, November 24, 2015)
- Faculty of Geodesy in Zagreb - 2nd International Interdisciplinary Scientific Conference “Western Balkans Meets the EU: Ongoing Inside Geodetic Domain and Sustainable Development” (Zagreb, November 26-27, 2015)
- Faculty of Mining, Geology and Petroleum Engineering in Zagreb (RGNF) – The Faculty Day (Zagreb, December 4, 2015)