HATZ News

Activities of the Croatian Academy of Engineering (HATZ) in 2017

Auspices, (Co-)Organization of Conferences and Meetings of Public Interest

Auspices

- 10th Scientific and Professional Colloquium „Textile Technology and Economy 2017"– „Complementarity of Science, Technology and Design", Faculty of Textile Technology in Zagreb, January 24, 2017
- 7th International Scientific and Professional Conference „Water for All" on the occasion of the World Water Day, Faculty of Civil Engineering in Osijek, March 9-10, 2017
- International Colours Day 2017, Technical Museum „Nikola Tesla" in Zagreb, March 21, 2017
- 5th International Congress „Mechanical Engineers' Days", Hotel Olympia in Vodice, March 29-31, 2017
- Faculty of Mechanical Engineering and Naval Architecture in Zagreb, University North, Croatian PLM Association – International Scientific Conference MOTSP 2017 (Management of Technology – Step to Sustainable Production), Dubrovnik, April 5-7, 2017
- Croatian Biotechnology Society – „European Biotechnology Congress 2017", Dubrovnik, May 25-27, 2017
- International Scientific and Professional Colloquium „International Conference on Traffic Development, Logistics & Sustainable Transport" – New Solutions and Innovations in Logistics and Transportation, Opatija, June 1-2, 2017
- Croatian Energy Society – „Hrvoje Požar" Foundation Awards and Scholarships Ceremony, HAZU, Zagreb, July 5, 2017
- Croatian Cartographic Society – 13th Colloquium „Geoheritage, Geoinformation and Cartography", Selce, September 7-9, 2017
- University of Split, Faculty of Electrical Engineering, Mechanical Engineering and Naval Architecture in Split and Croatian Association for Communication and Information Technologies – 25th International Scientific Conference on Software, Telecommunication and Computer Networks SoftCOM 2017, Hotel Radisson Blu, Split, September 21-23, 2017
- Centre for Computer Vision of the University of Zagreb and Faculty of Electrical Engineering, Mechanical Engineering and Naval Architecture – 6th Croatian Computer Vision Workshop, Split, September 26, 2017
- Faculty of Food Technology in Osijek, Croatian Food Agency, 10th International Scientific and Professional Meeting „With Food to Health", Osijek, October 12-13, 2017
- Faculty of Electrical Engineering, Computing and Information Technologies in Osijek – International IEEE Conference on Smart Systems and Technologies 2017 (SST 2017), Osijek, October 11-13, 2017
- Faculty of Food Technology in Osijek – 9th International Congress and 11th Croatian Congress of Flour Production and Processing Technologists „Flour-Bread '17", Opatija, October 25-27, 2017
- Croatian Energy Society – 26th Forum: Energy Day in Croatia, Museum of Contemporary Art, Zagreb, November 17, 2017
- Scientific Centre of Excellence for Data Science and Co-operative Systems – "2nd Int'l Workshop on Data Science (IWDS 2017)", Faculty of Electrical Engineering and Computing in Zagreb, November 30, 2017

(Co-)Organization of Conferences

- 7th Joint Session of the Council and Co-ordination of Four Academies (Croatian Academy of Medical Sciences, Croatian Academy of Legal Sciences, Croatian Academy of Engineering and Academy of Forestry Sciences), Zagreb, January 30, 2017
- Croatian Academy of Engineering – Department of Chemical Engineering and Centre for Environmental Protection and Development of Sustainable Technologies, PLIVA Croatia, Inc. and Model, Ltd. – Scientific and Professional Conference „Application of Mathematical Modelling and Numerical Simulation in the Chemical Process Industry", Zagreb, February 23, 2017
- Croatian Engineering Association, Croatian Academy of Engineering and Faculty of Forestry in Zagreb – Croatian Engineers' Day, Zagreb, March 2, 2017
- Croatian Academy of Engineering – Department of Graphical Engineering and Centre for Graphical Engineering – International Scientific Symposium „Printing&Design 2017", Zagreb, Školska knjiga, March 9, 2017
- Croatian Academy of Medical Sciences, Croatian Academy of Legal Sciences, Croatian Academy of Engineering and Academy of Forestry Sciences – Scientific Symposium „Modern Technologies: Ethics of Usage and Legal Regulation", Zagreb, Croatian Physicians' Assembly, March 17, 2017
- HATZ and ICENT – Round Table Discussion „Today's Challenges in the Energetics", Zagreb, FER, April 24, 2017
- Croatian Academy of Engineering and Public Open University Zagreb – Round Table Discussion "Teachers' Competences in the Higher Education" and Promotion of the Book "Curricular and Didactic-methodical Grounds of the Higher Education Teaching" (authors: Duško Petričević, PhD, Prof. Gojko Nikolić, PhD, Daniel Domović, BSc Comp, and Jelena Obad, BSc Psych), Zagreb, FSB, March 28, 2017.
- HATZ – Round Table Discussion "Status and Future of Technological and Biotechnological Sciences in Croatia in the 21st Century", Zagreb, FER, May 8, 2017
- HATZ – 32th Annual (Elective) Assembly of the Croatian Academy of Engineering, Zagreb, Great Hall of the University of Zagreb May 15, 2017
- Euro-CASE Board Meeting, Paris, France, June 13, 2017
- CAETS 2017 Convocation, Real Academia de Ingeniería (RAI), Madrid, Spain, November 12-19, 2017
- HATZ – Committee for Economic and Regional Co-operation, Croatian Chamber of Economy and Innovation Centre Nikola Tesla – Round Table Discussion „THE EXPERIENCES AND GUIDELINES IN THE IMPLEMENTATION OF MAJOR PROJECTS IN THE FIELD OF ENERGETICS", Zagreb, Croatian Chamber of Economy, November 20, 2017
- 9th/7th Joint Session of Joint Session of the Council and Co-ordination of Four Academies (Croatian Academy of Medical Sciences, Croatian Academy of Legal Sciences, Croatian Academy of Engineering and Academy of Forestry Sciences), Zagreb, AMZH, November 27, 2017
- HATZ and Zagreb Innovators' Association – Educational Workshop „Innovations and Patents", Zagreb, HATZ, November 29, 2017

- HATZ – Department of Communication Systems and FER – Lecture of Prof. Oscar Quevedo-Teruel, PhD (KTH Royal Institute of Technology, Stockholm, Sweden), "Higher symmetries for the design of periodic structures", Zagreb, FER, December 5, 2017
- HATZ – Committee for Ethics and Department of Textile Technology with Faculty of Textile Technology in Zagreb – Lecture of Assoc. Prof. Tomislav Krznar „Ethics and Ecology – A Contribution to Development of the New Knowledge Paradigm", Zagreb, TTF, December 5, 2017
- HATZ – Committee for Economic and Regional Co-operation, Croatian Chamber of Economy and Innovation Centre Nikola Tesla – Round Table Discussion "DEVELOPMENT AND APPLICATION OF ROBOTICS IN CROATIA", Croatian Chamber of Economy, Zagreb, December 6, 2017
- HATZ – Scientific Councila and Faculty of Electrical Engineering and Computing – Lecture of Academician Božidar Lišćić "Research, Development and Further Construction of Wind Power Plants in the World", Zagreb, FER, December 7, 2017
- HATZ – Department of Graphical Engineering and Centre for Graphical Engineering with Faculty of Graphical Engineering in Zagreb – Lecture of Prof. Dr. Rajendrakumar Anayath (International Member of HATZ in the Department of Graphical Engineering, Vice Chancellor Deenbandhu Chhotu Ram University of Science and Technology – DCRUST, Haryana State Government University, India), "BRINGING AGILITY IN TECHNICAL EDUCATION TO SUSTAIN AND DEVELOP, Zagreb, GFZ, December 8, 2017
- HATZ – Department of Communication Systems and FER – Lecture of Prof. Antonio Šarolić, PhD (Faculty of Electrical Engineering, Mechanical Engineering and Naval Architecture, Split), "Electromagnetic Impact of Wind Turbines on the Functionality of Vicinal Radars", Zagreb, FER, December 15, 2017
- HATZ – 3rd Session of the Presidency of the Croatian Academy of Engineering and Christmas Reception, Zagreb, Home of the HATZ, December 18, 2017
- HATZ – Department of Communication Systems and FER – Lecture of Prof. Tin Komljenović, PhD (University of California, Santa Barbara, SAD), "Integrated Photonics for LIDAR and Communications", Zagreb, FER, December 19, 2017

Participation at the Meetings of Public Interest

- Christmas and New Year Reception of the Croatian Chamber of Mechanical Engineers, Zagreb, January 20, 2017
- Croatian Academy of Sciences and Arts and Faculty of Architecture in Zagreb – Scientific Colloquium „Models of Revitalization and Advancement of Cultural Heritage", Zagreb, May 2017
- Faculty of Textile Technology – 14th Assembly of the AMCA TTF, Zagreb, June 6, 2017
- Lecture of Tihomir Domazet, PhD, „Development of Croatia on the Economics and Technology Shaping the 21st Century Society", Great Hall of the University of Zagreb, July 19, 2017
- Hanza Media – Jutarnji list Conference „Croatian Defense Industry as an Export Brand", Hotel Esplanade, Zagreb, September 5, 2017
- HAZU – Exhibition „Gutenberg and the Slavic World", HAZU, September 20, 2017
- Lecture of Prof. Bruno Zelić, PhD, „Development of an Integrated Microsystem for Biocatalytic Production of Biodiesel", HAZU, Zagreb, September 21, 2017
- Promotion of the Book „Speleology"with the Exhibition „Researchers of the Croatian Subsoil", HAZU, Zagreb, September 25, 2017
- Lecture „Century of Research of the World of Atoms", HAZU, Zagreb, September 26, 2017
- AMZH Forum „Challenges of Micronutrition in Medicine" (Lecturer: Prim. Sanja Gregurić, MD), Croatian Physicians' Assembly, Zagreb, September 26, 2017
- AMZH Round Table Discussion „Future of Biomedical Sciences in Croatia", Croatian Physicians' Assembly, Zagreb, September 29, 2017
- HAZU and Croatian Association of Petroleum Engineers and Geologists – 9th International Conference and Exhibition on the Petroleum and Gas Economy and Primary Energy, Solaris, Šibenik, October 3-4, 2017
- Faculty of Transport and Traffic Sciences Day, Zagreb, October 9, 2017
- Croatian Innovators' Association and National and University Library in Zagreb – 15th International Innovation Exhibition – ARCA 2017, and the 9th International Fair of Innovation in the Agriculture, Food Industry and Agricultural Mechanization – AGRO ARCA 2017, Zagreb, NSK, October 17, 2017
- Faculty of Forestry Sciences Day, Zagreb, October 20, 2017
- University of Zagreb Day (Dies Academicus), Zagreb, November 3, 2017
- International Innovations and Business Plans Exhibition „Be a Paragon/Inova 2017", Zagreb, November 9-11, 2017
- National and University Library in Zagreb – Exhibition „The Renaissance Faustus Verantius" on the Occasion of the 400th Anniversary of Death of Faust Vrančić, Zagreb, NSK, November 6-25, 2017
- Faculty of Architecture in Zagreb – 10th Days of the Passive House in Croatia, Zagreb, November 10, 2017
- 9th Colloquium of the Croatian Academy of Sciences and Arts and Croatian Science Foundation – "Hierarchically coordinated administration of major consumers with the aim of their integration in the advanced energy network" (Lecturer: Assoc. Prof. Mario Vašak, PhD), Zagreb, HAZU, November 13, 2017
- University of Zagreb, Croatian Academy of Sciences and Arts and School of Medicine in Zagreb – Colloquium „Innovations in Medicine VI", Zagreb, HAZU, November 15, 2017
- Croatian Academy of Sciences and Arts, Croatian Academy of Medical Sciences, Clinical Hospital Centre Rijeka, Faculty of Medicine in Rijeka – 15th Scientific Forum "Role of Oral Health in General Health", Rijeka, MEFRI, November 17, 2017
- Croatian Academy of Medical Sciences, Infective Diseases Clinic „Dr. Fran Mihaljević", School of Public Health Andrija Štampar et al. – Symposium on the Occasion of the European Antibiotics Awareness Day and World Antibiotics Awareness Day, Zagreb, November 17, 2017
- Croatian Waters – H_2O SUMMIT 2018, Zagreb, November 20, 2017
- HAZU and HZZ – 10th Colloquium – Lecture of Academician Slobodan Vukičević „Hepcidin Regulation in the Iron Metabolism by Osseous Morphogenetic Protein 6", Zagreb, HAZU, November 22, 2017
- AMZH – Forum „Teranostic Approach to Post-traumatic Stress Disorder"(Lecturer: Prof. Nela Pivac, PhD), Zagreb, Croatian Physicians' Assembly, Zagreb, November 28, 2017

- SLAP – 7th Conference on the River Sava Basin Regulation from the Border with the Republic of Slovenia to Sisak, Zagreb, November 29-30, 2017
- FER – Public Presentation of the Project „Advanced Methods and Technologies in Data Science and Co-operative Systems (DATACROSS)", Zagreb, FER, November 30, 2017
- HAZU – 150th Anniversary of the Croatian Academy of Sciences and Arts and 140th Anniversary of the Annual of the Croatian Academy of Sciences and Arts, Zagreb, December 4, 2017
- HAZU – Scientific Council for Protection of Nature – Lecture of Prof. Ivica Kisić, PhD, „Soil and Natural Disasters", Zagreb, HAZU, December 5, 2017
- HAZU and HZZ – 11th Colloquium of the Croatian Academy of Sciences and Arts and Croatian Science Foundation – Robert Vianello, PhD, "What is Computational Chemistry and How Does it Help Us Fight the Neurodegenerative Diseases?", Zagreb, HAZU, December 7, 2017
- Faculty of Forestry Sciences in Zagreb – International Scientific Conference ICWST 2017, Zagreb, December 8, 2017
- Croatian Academy of Legal Sciences – Scientific Conference „International Penal Law – Succession and the New Challenges", Zagreb, Faculty of Law, December 12-13, 2017
- Professional Discussion „Co-operation of University and Economy – An Example of Good Practice: the ALTPRO Company", within the Forum „Innovation and Technology Transfer – Boosting the Economic Development of Croatia", University of Zagreb, December 13, 2017
- Croatian-Israeli Business Club – Traditional Holiday Reception, Zagreb, Hotel Le Premier, December 13, 2017
- AMZH – Croatian Academy of Medical Sciences Day (Dies Academicus), Zagreb, Croatian Physicians' Assembly, December 13, 2017
- Technical Museum Nikola Tesla – Meeting on the Organization of the 100th Anniversary of Founding the Technical College in Zagreb by the Exhibition in the Technical Museum Nikola Tesla in 2019, Zagreb, TMNT, December 14, 2017
- Croatian Academy of Sciences and Arts – Holiday Reception, Zagreb, HAZU Palace, December 14, 2017
- Society of University Teachers and other Scientists in Zagreb – Traditional Christmas Meeting, Concert and Reception, Zagreb, December 18, 2017
- Geotechnical Faculty in Varaždin – Ceremonial Session on the Occasion of the Geotechnical Faculty Day, Varaždin, December 20, 2017
- Institute of Lexicography Miroslav Krleža – Christmas Reception, Zagreb, LZMK, December 20, 2017
- Croatian Wood Cluster – Christmas Reception, Zagreb, Hotel Westin, December 20, 2017

HATZ Publications in 2017

1. „Annual 2016 of the Croatian Academy of Engineering" (in Croatian), HATZ, Zagreb, 2017

2. HATZ Bulletin in English „Engineering Power" Vol. 12(1) 2017 (single issue)

3. HATZ Bulletin in English „Engineering Power" Vol. 12(2) 2017 / HATZ Bulletin in Croatian „Tehničke znanosti" Vol. 21 (1) 2017 (double issue)

4. Book of Abstracts of the HATZ Round Table Discussion „Status and Future of Technological and Biotechnological Sciences in Croatia in the 21st Century", HATZ, Zagreb, 2017

5. Book of Abstracts of the Scientific and Professional Conference „Application of Mathematical Modelling and Numerical Simulation in the Chemical Process Industry", organized by the Croatian Academy of Engineering – Department of Chemical Engineering and Centre for Environmental Protection and Development of Sustainable Technologies, PLIVA Croatia, Inc. and Model, Ltd., HATZ, Zagreb, 2017

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