



**OVERVIEW**  
**of the International Scientific and Professional Conference**  
**16<sup>th</sup> Ružička Days**  
**“TODAY SCIENCE – TOMORROW INDUSTRY”**  
**Vukovar, Croatia, 21<sup>st</sup> - 23<sup>rd</sup> September 2016**

The Croatian Society of Chemical Engineers, Josip Juraj Strossmayer University of Osijek, Faculty of Food Technology Osijek, European Federation of Food Science and Technology (EFFoST), European Association for Chemical and Molecular Sciences (EuCheMS), and European Hygienic Engineering & Design Group (EHEDG) organized an International Scientific and Professional Conference, *16<sup>th</sup> Ružička Days*, traditionally held in Vukovar, Croatia, from 21<sup>st</sup> - 23<sup>rd</sup> September 2016.

The Conference was organised under the auspices of the Croatian Academy of Sciences and Arts - Department of Mathematical, Physical and Chemical Sciences, and supported by: Ministry of Science, Education and Sport of the Republic of Croatia, Ministry of Agriculture of the Republic of Croatia, Ministry of Environmental and Nature Protection of the Republic of Croatia, Ministry of Economy of the Republic of Croatia, Croatian Academy of Engineering, Josip Juraj Strossmayer University of Osijek, University of Zagreb, Faculty of Chemical Engineering and Technology, Vukovar-Srijem County, City of Vukovar, Croatian Home Vukovar, and Polytechnic Lavoslav Ružička Vukovar.

Many guests were present at the opening ceremony and during the ceremony the Croatian Society of Chemical Engineers presented awards for special contributions for the work and development of the preceding conferences to: Ruža Marić, professor, and to Ante Jukić, PhD, Full Professor.



*Ružička Days* is a traditional gathering of scientists and experts from the fields of chemistry, chemical and biochemical engineering, food technology, biotechnology, medical biochemistry and pharmacy, chemistry in agriculture and forestry, and environmental protection, held since 1978 and dedicated to Leopold (Lavoslav) Ružička, a Croatian Nobel Laureate

in Chemistry. The Conference is held under the slogan “TODAY SCIENCE – TOMORROW INDUSTRY” and its goal is to promote excellence, interdisciplinarity, originality, and innovation in scientific research, with an emphasis on the application of science and new technologies through cooperation with the economy.

There were 400 authors in total, from 9 different countries (Croatia, Slovenia, Bosnia and Herzegovina, Austria, Germany, Poland, USA, China, and India), and they participated in 2 thematic, 2 plenary, and 7 invited lectures, 20 oral presentations, and 102 poster presentations.

As the emphasis of this year Conference was the cooperation of scientists with economists and contractors, 4 invited lectures were held in the presence of directors and leaders of leading Croatian companies in the area covered by the topics of the Conference: INA – Industrija nafte, PLIVA, PODRAVKA, and AGROKOR.

In the section titled Chemical Analysis and Synthesis 18 poster presentations were held, 19 were held in the section Chemical and Biochemical Engineering, 27 were held in the section Food Technology and Biotechnology, 9 were held in the section Medical Biochemistry and Pharmacy, 3 were held in the section Chemistry in Agriculture and Forestry, and 26 were held in the section Environmental Protection. The three best poster presentations received awards. Also, the three best rated oral presentations given by secondary school pupils during the 5<sup>th</sup> Meeting of Young Chemists became part of the *Ružička days*. The highest rated presentation was presented orally again, as part of the main programme, at the closing of the Conference. Schools from Zagreb, Karlovac, Osijek, Vukovar, and Žepče (Bosnia and Herzegovina) participated in the meeting this year. Pupils and their mentors also had lunch at Hotel Lav and went sightseeing in Vukovar.



The Conference always presents a chance for meetings, introductions, the exchange of information and experiences, and the establishment of cooperation between science, education, and the economy. In that regard, the Conference was accompanied by many other events: Welcome Reception at Eltz Manor with the viewing of the permanent exhibition of the City Museum Vukovar, led by the Director Ruža Marić, professor, then the visit to the Vučedol Culture Museum led by the Director Mirela Hutinec, dipl. arh. and the head of the Vučedol archeological excavations Professor Aleksandar Durman, “Joined Lunch with Podravka”, a gala dinner at Hotel Lav accompanied by the music of the band “Slavonski inat”, and the exhibition of the painter Antun Sabo.

The Conference was attended by more than 150 participants and all the lectures and events had many visitors.

The Conference was covered by the national television company (HTV) and many local television channels (OSTV, VKTV), as well as many newspapers and web sites.

16<sup>th</sup> *Ružička days* were sponsored by many institutions and companies, and all of them are listed at the web sites of the Conference: <http://www.ptfos.unios.hr/ruzicka/> and [http://www.hdki.hr/hdki/skupovi/ruzickini\\_dani](http://www.hdki.hr/hdki/skupovi/ruzickini_dani). We express our gratitude to all of our sponsors. The most important sponsors were: Ministry of Science, Education and Sport and Ministry of Agriculture, and the gold sponsors were: INA – Industrija nafte d.d. and Pliva Hrvatska d.o.o. All of them recognized the great and valuable efforts of the founders who later became the organisers of the Conference, who continued the tradition in the birth house of Lavoslav Ružička and are still expressing the message of *Ružička days* through the slogan of the Conference.

On behalf of all of us who participated in the organization, I hope that the participants of the 16<sup>th</sup> *Ružička Days* took pleasant memories with them from Vukovar and would like to meet again at the 17<sup>th</sup> *Ružička Days* in 2018!

Your Sincerely,

Chairman of the Scientific and Organizing  
Committee of the Conference

Ante Jukić, PhD, Full Professor