



13th International Scientific Conference SCIENCE AND TRANSPORT DEVELOPMENT (ZIRP 2015)

The thirteenth international scientific conference "Science and Transport Development" (ZIRP 2015) organized by the Faculty of Transport and Traffic Sciences was held on 12 May 2015 at the faculty premises at the location of the University Campus Borongaj.

The title of this year's Conference was "Cooperation Model of the Scientific and Educational Institutions and the Economy", and along with the Faculty of Transport and Traffic Sciences University of Zagreb the co-organizers included:

- University of Pardubice – Jan Perner Transport Faculty
- University of Maribor – Faculty for Civil Engineering
- Croatian Chamber of Economy – Department of Transport and Communications
- Croatian Association of graduate engineers and engineers of the Faculty of Transport and Traffic Sciences (AMAC – FSC)
- Croatian Chamber of Traffic and Transport Technology Engineers
- Croatian Society of Railway Engineers
- Croatian Association of Supply Chain Management

ZIRP 2015 gathered 134 participants, scientists, entrepreneurs, students and other guests.

The invited lectures were presented by five speakers:

- Snježana Ljubić, mag.oec., Head of the Human Resources Office of the Cargo-partner Ltd. Company;
- Damir Kurečić, dipl.oec., CEO of the Logistics of the Company Kaufland Hrvatska JSC;
- Dubravko Tomašić, Ph.D., member of the Board for the sales of new vehicles and key buyers of the Auto Zubak Ltd. Company;
- Nedjeljko Špilek, Ph.D., Ministry of Foreign and European Affairs;
- Assoc.Prof. Tomislav Josip Mlinarić, Ph.D., Vice-dean for science and external cooperation of the Faculty of Transport and Traffic Sciences.

Thirteen of the total of twenty-six papers were presented at the Conference and they have been published in the Proceedings ZIRP 2015.

During the Conference the representative of the Reviewing Committee, Prof. Zvonko Kavran, Ph.D. presented the award for the best Conference paper entitled "Generic Model to Estimate Total Cost of Ownership of Cell Phone Plans in Croatia" to the authors Ivan Forenbacher, B.Eng., Dragan Peraković, Ph.D. and Vesna Radonjić Đogatović, Ph.D.

To what extent and how well the economic entities, and scientific and educational institutions cooperate is an open question and ZIRP 2015 offered the answer to the significance of this interaction. Everyday

practice shows numerous positive examples of cooperation, with noticeable space for improvement and further development of joint projects of scientific and educational institutions and economic entities. The possibility of establishing the standard for future cooperation was considered and this represented the basis of the work of the participants at ZIRP 2015.

A Round table was held during the Conference entitled "Education, training and lifelong learning in order to develop the economy" providing the possibility of discussions related to the mentioned area and highlighting the previous experience and potential future cooperation of the economy and the scientific institutions.

The main panellists of the Round table included:

- Prof. Ružica Beljo Lučić, Ph.D., Assistant to the Minister of Science, Education and Sport;
- Prof. Miljenko Šimpraga, Ph.D., Vice Rector for Innovations, Technology Transfer and Communications of the University of Zagreb;
- Ms. Sanja Crnković Pozaić, M.Sc., Chief Consultant of the Minister of Labour and Pension System of the Republic of Croatia;
- Ms. Erika Heder, M.Sc., Head of the Regional Centre for the development of entrepreneurial competences for the South-eastern European countries (SEECCEL);
- Mr. Zoran Ković, B.Eng., CEO director of LA LOG transports and business services Ltd.;
- Ms. Tea Vidaković, mag. psych., Department of Human Resources of the Company METRO Cash & Carry Ltd.
- Vedran Polovanec, METRO Cash & Carry Ltd.

At the same time, during the Round Table, six students participated in the logistic game Business Master under the sponsorship of the Gebruder Weiss Company. As a reward, two winners of the game, won a visit to the Gebruder Weiss company headquarters in Vienna.

The conclusions of the Conference ZIRP 2015 tend towards:

- Improvement of the cooperation of the scientific and educational institutions and economic entities through the Council for Economy of the Faculty of Transport and Traffic Sciences, joint work on future curricula aiming at education of students in compliance with the Croatian Qualification Framework and according to the needs of the economy.
- Improved connections of the scientific institutions and economic entities in the function of optimizing the production of transport and logistic services, and the development of new solutions for the work and operation of logistic operators, shippers, customs services.

This year's ZIRP lived up to its expectations and represents a good foundation for the future ZIRP 2016. Planning has already started, with a great wish and obligation to include in the work of the future ZIRP an even larger number of scientists and experts from Europe and the world.

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