

PRESENT DAY TRENDS OF INNOVATIONS INTERNATIONAL SCIENTIFIC CONFERENCE & WORKSHOP WITH THE 6-YEAR TRADITION

LADISLAV VÁRKOLY

Dubnica Institute of Technology in Dubnica nad Váhom, Dubnica nad Váhom, Slovakia

E-mail: varkoly@dti.sk

The Sixth International Scientific Conference *Present Day Trends of Innovations 2015 & International Workshop* were held in Hotel Stok in Wisła, Poland, on May 21 – 22, 2015. *The Conference & Workshop* were held abroad the Slovakia for the third time. The organisational duties related to this year's conference DTI 2015 were shared by Dubnica Institute of Technology, the University Science Park, University of Žilina and Lomza State University of Applied Sciences, Poland.

In 2012, Lomza State University of Applied Sciences and in 2014, B&M InterNets, Brno also were the co-organisers of the event in years 2012 and 2014.

The International Scientific Conference *Present Day Trends of Innovations 2015* was organized under the auspices of Peter Plavčan, Director General of the Section of Higher Educational Institutions, Ministry of Education, Science, Research and Sport of the Slovak Republic, Daniel Lajčín, Director General of Dupres Group in Dubnica nad Váhom, Erich Petlák, Rector of Dubnica Institute of Technology in Dubnica nad Váhom and Gabriela Sláviková, Director of Dubnica Institute of Technology in Dubnica nad Váhom. The main partners of DTI 2015 were: e-learnmedia s.r.o., Dupres Consulting s.r.o. and Dupres s.r.o. in cooperation with:

- Univerzitný vedecký park, Žilinská univerzita v Žiline (SK),
- Lomza State University of Applied Sciences (PL),
- Kazimierz Pulaski University of Technology and Humanities in Radom, Faculty of Computer Science and Mathematics and Faculty of Philosophy and Pedagogy (PL),
- Institute for Sustainable Technologies – National Research Institute in Radom (PL),
- Częstochowa University of Technology (PL),
- Białystok Technical University (PL),
- Academy of Business in Dąbrowa Górnicza (PL),
- Silesian University of Technology, Śląsk (PL),
- Business Economics Academy, Cacak (SRB),
- Vysoká škola finanční a správní, Praha (CZ),
- Mendelova univerzita, Brno (CZ),

- Masarykova univerzita v Brně (CZ),
- Evropský polytechnický institut, Kunovice (CZ),
- Univerzita Tomáše Bati ve Zlíně (CZ),
- Vysoká škola technická a ekonomická v Českých Budějovicích (CZ),
- Ostravská univerzita v Ostravě (CZ),
- Univerzita Komenského v Bratislave (SK),
- Ekonomická univerzita v Bratislave (SK),
- Vysoká škola manažmentu v Trenčíne (SK),
- Trenčianska univerzita A. Dubčeka v Trenčíne (SK),
- Univerzita Mateja Bela v Banskej Bystrici (SK),
- Univerzita Konštantína Filozofa v Nitre (SK).

The event was initiated by its scientific guarantors prof. Ing. Ladislav Várkoly (the scientific guarantor of conferences DTI 2010-2015), dr in?. Ryszard Szczebiot (Deputy Director, Institute of Computer Science and Automation, Lomza State University of Applied Sciences) and Doc. Ing. Michal Zábovský (Director of the University Science Park, University of Žilina).



Fig. 1: Scientific Guarantors of the Conference.

The *International Scientific Conference DTI 2015* was the sixth formal meeting and an occasion for academic debate in the field of information technology and its use in the educational environment. The audience from countries outside of Slovakia consisted of teachers, scientists, young researchers, postgraduate students and engineers from industry. The Conference focused on the actual use of modern technologies and devices, forthcoming trends, as well as the

newest innovations in the field of mobile and media communication.

Within the scope of the Conference DTI 2015 there were the following themes:

- Inevitability of changes in (vocational) education in present time;
- Modern 3D educational materials and teaching aids, visualisation;
- Modern electronic and interactive educational materials and teaching aids;
- Interactive sensory modules, virtual laboratories and remote experiments;
- Education with modern IT systems, Internet schools and on-line courses;
- Operational reliability and safety of technologies and applications;
- Mobile communication and automotive information technologies;
- Vocational education for handicapped people.

Many speakers addressed new themes concerning the above-mentioned problems and presented some possible solutions. The specialised presentations were very interesting for many of the guests that participated in the Conference. Large numbers of them were accompanied by interactive demonstrations as well. Garmin company's promotional presentation is such an example; it dealt with problems closely related to modem navigation systems and modem mobile e-learning applications. There was the possibility to test several features of their navigation systems for everyone who was interested, including setting and changing appropriate parameters based on his/her own requirements.

The lecture presented by SV ENGINEERING' company representatives from Púchov (dealt with modem testing concepts, development, engineering and keeping Know-How of tire technologies and products) was also considered very interesting.

The activities accompanying the conference, the final banquet and the international workshop provided more opportunities for networking and various informal discussions. Most discussions were focused on the possibilities of cooperation between institutions, especially in the process of creating university textbooks, working on scientific monographs and publishing scientific papers in recognised research journals with the aim of sharing information and facilitating mutual collaboration regarding the progressive and innovative forms of education and also future collaborative international research in this field.

The Conference is becoming more and more recognised and has a growing reputation within the scientific and research community and people providing educational and training services.

Conference papers and contributions were published in the form of a reviewed scientific monograph entitled „Pre-

sent Day Trends of Innovations 5” and „Dnešné Trendy Inovácií 5”, which were edited by L. Várkoly, R. Szczebiot and M. Zábovský.



Fig. 2: Covers of Conference Scientific Monographs.

Note 1) A continual collaboration in international scientific-research grants headed by Ladislav Várkoly and other new activities were successfully negotiated by the conference participants.

Note 2) The partners of the International Scientific Conference Present Day Trends of Innovations 2015 were: Garmin, the University Science Park, University of Žilina, Lomza State University of Applied Sciences, B&M Internets, PC Revue, konferencie.sk, edumenu.cz, education.sk and MY novinyStrednéhoPovažia.

We would also like to thank the following firms and companies: Przegląd Organizacji, Towarzystwo Naukowe Organizacji i Kierownictwa and T-Smaragd.

Note 3) To provide the participants with up-to-date information, new web servers www.trendsofinnovations.eu, www.trendsofinnovations.com and www.dti.sk were created.

Note 4) The Seventh Annual International Scientific Conference *Present Day Trends of Innovations 2016* (Dnešné Trendy Inovácií 2016) and the International Workshop DTI 2016 will be held 19 – 20 May 2016 at the Lomza State University of Applied Sciences.

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