

# **The 4th International Scientific Conference on Applied Natural Sciences 2013 in V-4 Countries**

October 2 – 4, 2013  
Nový Smokovec, High Tatras, Slovakia

## **Report on Symposium 4: “Pedagogy, Humanities and Foreign Languages in Natural and Technical Sciences”**

### **Organiser of the Conference:**

Faculty of Natural Sciences, University of SS Cyril and Methodius in Trnava, Slovakia

### **Accountability for Symposium 4:**

Department of English Language – Mgr. Helena Zárubová, Mgr. Juraj Miština, PhD.

**Session of Symposium 4:** October 3, 2013

**Number of participants:** 20

In the course of preparations for the APV 2013 Conference, the Department of English Language was assigned the task to organise Symposium 4 “Pedagogy, Humanities and Foreign Languages in Natural and Technical Sciences”. The department proposed the themes covering the didactics of teaching professional English to the students of natural and technical sciences, development and evaluation of professional competencies of university teachers, application of innovative teaching methods and procedures in higher school education, the use of ICT, e-learning, lifelong education, effective learning strategies, professional terminology, as well as philosophical visions and routes of development of natural and technical sciences in the twenty-first century. The contributions of participants proved once again the deepening multidisciplinary and interdisciplinary character of natural-scientific and technical education which also comprises human and social aspects. This reflects in the demanding nature of professional preparation of both teachers and students, in the need to seek effective ways of practical teaching and in the necessity to intensify scientific and pedagogical research.

In Symposium 4, the participants exhibited four posters and delivered twelve lectures.

### **Posters session:**

**1. Bubeníková, M., Křepinská, A.**

(Department of Language Education, Charles University in Prague, Faculty of Mathematics and Physics, Czech Republic):

**Teaching specialized English in bachelor studies.**

**2. Kučerka, D., Rusnáková, S., Hrmo, R., Husár, Š., Kučerková, M.**

(The Institute of Technology and Business in České Budějovice, Czech Republic):

**Didactics, didactic technology and their usage in lessons of English language.**

3. **Janská, L.**

(The Institute of Education and Social Studies, Department of Technical Education and Information Technology, Faculty of Education of Palacký University in Olomouc, Czech Republic):

**The way students of the Faculty of Education perceive electronic study materials.**

4. **Rusnáková, S., Kučerka, D., Husár, Š., Kučerková, M., Hrmo, R., Rusnák, V.**

(The Institute of Technology and Business in České Budějovice, Czech Republic):

**The importance of technical experiment in the learning process and its impact on student creativity.**

**Lectures delivered in Symposium 4:**

1. **Milan Slavík**

(Czech University of Life Sciences Prague, Institute of Education and Communication, Czech Republic):

**Competences of the natural science university teachers, their development and evaluation.**

2. **Dana Dobrovská, Pavel Andres** (Czech Technical University in Prague, Masaryk Institute of Advanced Studies, Faculty of Architecture, Czech Republic):

**Study procrastination of technical students - a pilot study.**

3. **Emil Kříž**

(Czech University of Life Sciences Prague, Institute of Education and Communication, Czech Republic):

**Teaching experience and professional qualifications of the teacher trainers.**

4. **Kateřina Tomšíková**

(Czech University of Life Sciences Prague, Institute of Education and Communication, Czech Republic):

**Evaluation of teacher competencies at Czech University of Life Sciences.**

5. **Lucia Krištofiaková**

(Dubnica Institute of Technology in Dubnica nad Váhom, Slovakia):

**Quality in education.**

6. **Dennis Ferner**

(Department of Language Education, Charles University in Prague, Faculty of Mathematics and Physics, Czech Republic):

**Teaching English for physicists in specialized courses.**

7. **Mária Badinská**

(Faculty of Political Science and International Relations, Matej Bel University, Slovakia):

**The subjects taught through foreign languages: Innovations in the teaching of Political Science and International Relations at Matej Bel University in Slovakia.**

8. **Martin Mikuláš**

(Department of Language Education, Charles University in Prague, Faculty of Mathematics and Physics, Czech Republic):

**Task-based testing in English for mathematicians.**

9. **Jitka Laitochová, Jan Wossala**

(Department of Mathematics, Faculty of Education, Palacký University in Olomouc, Czech Republic):

**Mathematics and English integrated learning at the Faculty of Education.**

10. **Tomáš Kozík, Marek Šimon**

(Department of Technology and Information Technologies, Faculty of Pedagogy, Constantine the Philosopher University in Nitra; Department of Applied Informatics and Mathematics, University of SS. Cyril and Methodius, Slovakia):

**Using remote experiments - everyday reality.**

11. **Juraj Miština** (Department of English Language, University of SS. Cyril and Methodius in Trnava, Slovakia):

**Most common errors in writing natural science research papers.**

12. **Helena Zárubová**

(Department of English Language, University of SS. Cyril and Methodius in Trnava, Slovakia):

**Compound lexical units in English and Slovak.**

The participants of Symposium 4 positively evaluated a pleasant working atmosphere during the meetings, a high professional level of oral and poster presentations, diversity of topics of the presented contributions, an increased number of participants who could share their pedagogical experience and professional knowledge, organisation of the conference, and last, but not least, attractive venue of the conference - Nový Smokovec in the High Tatras. Most of the participants expressed their wish to take part in the future APV conference.

Trnava, October 11, 2013

Report elaborated by: Mgr. Helena Zárubová