Electronic Testing

Experience and Challenges

Programme

Conference with international participation

20th – 21st October 2015
Bratislava

The conference is held under the auspices of the Minister of Education, Science, Research and Sport of the Slovak Republic, Mr. Juraj Draxler

Tuesday, 20th October 2015

$7^{30} - 9^{00}$ Registration of participants

Conference introduction

9^{00} $- 9^{30}$ **Opening ceremony**
(Ministry of Education, Science, Research and Sport of the Slovak Republic)

$9^{30} - 10^{20}$ **Increasing the quality of primary and secondary education with the use of electronic testing - the E-test project**
Introduction and evaluation of the national project co-financed from EU resources
(Ivana Pichaničová, Martin Jelok, Mária Husárová, Hana Kotlárová)

$10^{20} - 10^{40}$ **Break**

Keynote lectures I

$10^{40} - 11^{20}$ **E-assessment: Innovations for the 21st Century**
(Jan Wiegers)

$11^{20} - 12^{00}$ **Using technology to enhance assessment: opportunities, challenges and risks**
(Patricia M. Broadfoot)

$12^{00} - 12^{40}$ **Support for evaluating the quality of education using quantitative measurements**
(Zuzana Juščáková)

$12^{40} - 13^{45}$ **Lunch**

Lectures in the sections

Section A:
Improving the quality of education

13^{45} **- 14**^{15} **Improving the quality of education using electronic testing from the university teacher's perspective**
(Renata Bernátová)

14^{15} **- 14**^{45} **Increasing a teacher's professionalism influenced by work in the project E-test from different points of view**
(Martin Bodis)

14^{45} **- 15**^{15} **Electronic testing as part of education at a primary school**
(Peter Mäsiar)

15^{15} **- 15**^{35} Break

15^{35} **- 16**^{05} **E-Testing 5 2014 within the context of certification testings**
(Ingrid Alföldyová, Martina Rímska, Viktória Khernová,
Liliana Bolemant, Livia Timárová)

16^{05} **- 16**^{35} **E-Testing 9 2015 within the context of certification testings**
(Liliana Bolemant, Tatiana Košinárová, Božena Mizerová)

16^{35} **- 17**^{05} **E-testing of secondary school-leaving exam (Maturita) 2015 within the context of certification testings**
(Pavol Kelecsényi, Alžbeta Palacková, Eva Péteryová)

17^{05} **- 17**^{35} **Electronic form of certification measurements - perspective**
(Miroslav Repovský)

17^{35} **- 17**^{50} **Discussion**

Section B

Possibilities of statistical processing of results in electronic testing

13⁴⁵ - 14¹⁵ **Analysis of the position of the correct answer in a multiple choice tasks used in e-testing**
(Elena Jánošíková)

14¹⁵ - 14⁴⁵ **Reporting of the testing results within the E-test project**
(Martina Pigová)

14⁴⁵ - 15¹⁵ **Comparison of paper-based and electronic versions of the mathematics test**
(Michal Hajdúk, Martina Pigová, Martin Marko)

15¹⁵ - 15³⁵ Break

Section C:

Specificities of test tasks development in foreign languages

15³⁵ - 16⁰⁵ **Electronic English language testing - current status and perspectives**
(Miroslava Jurenková, Peter Kiripolský, Michaela Ujházyová)

16⁰⁵ - 16³⁵ **The status of German language as a second foreign language in the process of testing tools development and its pilot testing in the national project E-test**
(Katarína Mišurová, Monika Cýchová, Jana Kucharová)

16³⁵ - 17⁰⁵ **Linguistic, cultural and methodological aspects of electronic testing of Russian language at Slovak schools within the upper secondary education**
(Viktória Liashuk, Xénia Liashuk)

17⁰⁵ - 17³⁵ **Development of testing tools from foreign languages to simple professional texts**
(Jana Kucharová)

17³⁵ - 17⁵⁰ Discussion

Section D: Research

13⁴⁵ - 14¹⁵ **Hierarchical linear model of a school's added value in education**
(Pavol Kaclík, Mária Kolková, Jana Trajová, Lukáš Píš)

14¹⁵ - 14⁴⁵ **Reporting of added value in education and its consequences**
(Mária Kolková, Jana Trajová)

14⁴⁵ - 15¹⁵ **Contextual added value of schools - socio-economic and cultural status of a pupil and their educational success rate**
(Pavol Kaclík, Martina Bukvajová)

15¹⁵ - 15³⁵ Break

15³⁵ - 16⁰⁵ **Motivation of students and their general skills**
(Ivana Barqawi, Martin Kopáčik, Jakub Valovič)

16⁰⁵ - 16³⁵ **Climate of the teaching staff and an interactive style of a headmaster**
(Ivana Barqawi, Sona Vašíčková)

16³⁵ - 17⁰⁵ **School climate and class climate**
(Eva Fülöpová, Martina Bukvajová)

17⁰⁵ - 17³⁵ **Interactive styles of teachers**
(Lucia Gálová, Sona Vašíčková)

Wednesday, 21st October 2015

$7^{30} - 8^{30}$	Registration of participants

Keynote lectures 2

$8^{30} - 9^{10}$ **Introduction of CAT in Georgia for national school-leaving exams**
(Steven Bakker)

$9^{10} - 9^{50}$ **Task behaviour in educational assessment studies: What can log data tell us about performance differences?**
(Mari-Pauliina Vainikainen)

$9^{50} - 10^{30}$ **Developing an Online Diagnostic Assessment System - the eDIA**
(Benő Csapó)

$10^{30} - 10^{50}$ Break

$10^{50} - 11^{30}$ **Identifying Visual Mechanics of Text Comprehension and Solving Task Using Eyetracker Technology**
(Martin Malčík)

$11^{30} - 12^{10}$ **International PISA 2012 study - the framework, tasks and analyses**
(Jana Ferencová, Denisa Lakatošová, Jana Stovíčková, Andrea Galádová)

$12^{10} - 13^{30}$ Lunch

Lectures in the sections

Section E:
Specificities of test tasks development in mathematics

$13^{30} - 13^{55}$ **Electronic testing in mathematics and mathematical literacy**
(Lucia Ficová, Mária Havrlentová, Iveta Kohanová,
Margita Marušková, Hana Matušková)

$13^{55} - 14^{20}$ **Analysis of test tasks in the area of financial literacy based on statistical outputs of their pilot testing**
(Katarína Lučeničová, Miroslava Jakubeková)

$14^{20} - 14^{45}$ **Importance of the E-test for the creation of test tasks from Informatics**
(Anita Škodáčková, Peter Kučera)

$14^{45} - 15^{10}$ **Statistical literacy and its testing**
(Mária Havrlentová, Štefan Havrlent)

$15^{10} - 15^{30}$ Break

Section F:
Specificities of electronic testing of disabled and socially disadvantaged students

$15^{30} - 15^{55}$ **Preparation of trainings and introduction of a new publication for teachers and teaching staff educating students with health disabilities**
(Eva Polgáryová, Petra Lastovičková)

$15^{55} - 16^{20}$ **E-testing of students with health disabilities**
(Zuzana Valíková, Janka Mikulášová, Katarína Beňová)

$16^{20} - 16^{45}$ **Attitudes of students to disabled students** (Jakub Valovič)

$16^{45} - 17^{00}$ Discussion

SECTION G
Specificities of test tasks development in scientific and social science subject

13³⁰ - 13⁵⁵ **Development of test tasks and tests in the educational area "Man and Society"**

(Margita Miháliková, Lenka Krišpinská, Jakub Pastier)

13⁵⁵ - 14²⁰ **The issue of scientific literacy testing**
(Diana Fűry)

14²⁰ - 14⁴⁵ **The specification of tasks development and tests in the area "Man and Nature"** (Gabriela Barčiaková, Mária Berová, Stanislava Horváthová, Ivana Miškovičová, Daniela Švrhovná)

14⁴⁵ - 15¹⁰ **Specification of test development in scientific literacy**
(Gabriela Barčiaková, Mária Berová, Stanislava Horváthová, Ivana Miškovičová, Daniela Švrhovná)

15¹⁰ - 15³⁰ Break

Section H:
Specificities of test tasks development in the languages of instruction

15³⁰ - 15⁵⁵ **Electronic testing of Hungarian language and literature and Slovak language and Slovak literature - current status and perspectives**
(Eva Péteryová, Milada Caltíková, Károly Csicsay)

15⁵⁵ - 16²⁰ **Idea vs. reality when developing items from the Slovak language and literature in the E-Test**
(Alžbeta Palacková, Branislav Hudcovský)

16²⁰ - 16⁴⁵ **Learning styles**
(Zuzana Hirschnerová, Eva Stružová)

16⁴⁵ - 17⁰⁰ Discussion

Section I:
E-Test

13³⁰ - 15¹⁰ **Introduction of the E-test with practical examples**
(Martin Jelok, Mária Husárová)

15¹⁰ - 15³⁰ Break

15³⁰ - 17⁰⁰ **Introduction of the E-test with practical examples**
(Martin Jelok, Mária Husárová)