

Program

Conference

Partnership for MST: support for teaching of mathematics, science and technologies through cooperation between schools and businesses

12 and 13 September 2011, Prague – National Technical Library

1st Day of Conference – 12 September 2011

09.00 – 10.00 Registration

10.00 – 10.30 Opening and introduction

Jakub Hodinář, First Vice-Minister, Ministry of Education, Youth and Sports, CR

Petr Očko, Director of section EU Funds, research and development, Ministry of Industry and Trade, CR

Jan Michal, Head of Representation of the European Commission in the Czech Republic, CR

Moderator:

Lukáš Teplý, Director of Department of EU Affairs, Ministry of Education, Youth and Sports, CR

10.30 – 11.30 Keynote speakers

Partnership for MST: keynote speeches on topic, which is crucial for the future of the European economy and its competitiveness.

Jan Kleindienst, Head of research laboratories, IBM Czech Republic, CR

Ondřej Balatka, Councilor responsible for the area of education, training, fight against drugs, the area of sport and international relations, CR

Germaine Noonan, Representative of the „Business in the Community“ movement (project Schools' Business Partnership), Ireland

11.30 – 12.00 Coffee break

12.00 – 13.15 Panel discussion

At the panel discussion, the representatives of schools, businesses and other partners will meet above examples of successful projects that help strengthen the importance and increase the attractiveness of teaching MST subjects at schools and encourage the innovative potential of young people.

Moderator:

Jaroslav Faltýn, Research Institute of Education division, National Institute for Education, CR

Miloš Rathouský, Director of regional representation and HRD, Confederation of Industry, CR

Ivo Jupa, AISIS, o.s., project “Science has future”, CR

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Martin Krejza, Director General for school education, Ministry of Education, Youth and Sports, CR

Paul O'Callaghan, Headmaster, St., Ailbe's School, Ireland

Glynn Arthur Kirkham, Independent expert, UK/CR

13.15 – 14.30 Lunch

14:30 – 15:45 Afternoon panel A

How to create and strengthen collaboration between schools and businesses?

How can founders help to promote teaching MST at schools?

First afternoon panel would give headmasters and senior teachers possibility to meet business representatives from those companies that collaborate with schools in process of introduction innovative features into education. There will also be a contribution from representatives of school founders, whose support is essential for cooperation between schools and business.

Moderator:

Monika Ladmanová, IBM Czech Republic, CR

Lucie Koutná, Meopta Přerov, CR

František Šober, Headmaster, Technical High School Přerov, CR

Filip Kuchař, Head of unit for education, Prague 7 city district, CR

Business representative, Johnson&Johnson, CR (tbc)

15.45 – 16.15 Coffee break

16.15 – 17.30 Afternoon panel B

How to increase an attractiveness of MST learning?

Teaching of MST subjects is often very theoretical and boring in many elementary and secondary schools in the Czech Republic. It is also one of the main reasons why young people don't pursue their career in these fields. This is not just about careers in science and research institutions. Low interest in mathematics, physics or chemistry is causing problems for companies that need qualified experts.

Moderator:

Daniela Červenclová, Bayer s.r.o., CR

Jan Hoštička, Deputy headmaster, Elementary school, kindergarten, music school, Jesenice, CR

Jaromír Kříž, Director, Merkur Toys, s.r.o., CR

Miroslav Brzezina, Dean of Faculty of Science, Humanities and Education, Technical University of Liberec, CR

Helena Úlovcová, National Institute of Vocational Education division, National Institute for Education, CR

Barbora Grečnerová, SPICE project, Centre for International Services, CR

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17.30 – 17.40 Summary from the 1st day of Conference

Tamara Kafková, Department of EU Affairs, Ministry of Education, Youth and Sports, CR

17.40 – 19.00 Formal conclusion with a glass of wine

2nd Day of Conference – 13 September 2011

09.30 – 11.00 Main panel

First panel will follow-up the last year's conference topic, school leadership. School headmasters and senior teachers will learn about results of Central European project which focused on raising effectiveness and quality of school leadership. It should also bring the inspiration how cooperation between students and their future employees can raise the effectiveness of school leadership and how innovative examples of this cooperation can lead to higher quality of education.

Moderator:

Lukáš Teplý, Ministry of Education, Youth and Sports, CR

Helena Plitzová, Director of National Institute for Further Education, CR

Emese Abari-Ibolya, leader of Middle European project International Cooperation for School Leadership, Tempus Public Foundation, Hungary

Eliška Křížková, Part Coordinator of Middle European project Leadership, National Institute for Further Education, CR

Jitka Kmentová, School Director, Gymnázium na Zatlance, CR

Alena Hašková, Constantin the Philosopher University in Nitra, SR

Glynn Arthur Kirkham, Independent Expert, UK/CR

11.00 – 11.30 Coffee break

11.30 – 13.00 Examples of good practice

Pavla Růžková, Ministry of Education, Youth and Sports, CR

Jiří Herodes, Educational Agency Kromeriz, CR

Miloš Hernych, Technical university of Liberec, CR

Jaroslav Semerád, Leader of workshops, Secondary Technical School of Mechanical and Electrical Engineering of Liberec, CR

Jaroslava Kočárková, Spokeperson, Technical university of Liberec, ČR

13.00 – 14.00 Formal conclusion, lunch

Presentation of Conference conclusions