



Preliminary Program

Conference

Partnership for MST: support the teaching of mathematics and natural sciences and engineering through cooperation between schools and businesses

12 and 13 June 2011, Prague – National Technical Library

1st Day of Conference – 12 September 2011

09.00 – 10.00 Registration

10.00 – 10.20 Opening and introduction

Jakub Hodinář, a representative of the **Ministry of Education, Youth and Sports, CR**

Petr Očko, a representative of the **Ministry of Industry and Trade, CR**

A representative of DG EAC, European Commission (tbs)

Moderator:

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

10.20 – 11.00 Keynote speakers

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

A business representative: **IBM ČR** (tbs)

A school founder representatives:

Stanislav Juránek, head deputy of governor of the South Moravian Region (high school founder)

Marie Kousalíková, Mayoress of Prague 6 (elementary school founder)

Germaine Noonan, a representative of movement Business in the Community (project Schools' Business Partnership), Ireland

11.00 – 11.20 Coffee break

11.20 – 12.30 Panel discussion

At the panel discussion will sit at one table the representatives of schools, businesses and their founders. You will hear examples of successful projects that help strengthen the importance and increase the attractiveness of teaching mathematics, science and technical subjects in schools and encourage the innovative potential of young people.

Ivo Jupa, AISIS, o.s., CR – presentation of the project "Science has future"

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Business representatives: tbs

School director, abroad

School director, CR

13.15 – 14.30 Lunch

14.30 – 16.00 Afternoon panel A

How to create and strengthen collaboration between schools and businesses?

How can founders help to promote teaching MST at schools?

Afternoon panel A offers directors and leading teachers possibility to meet business representatives from companies which have an intention to collaborate with schools in process of introduction innovative features into education. There will also be a contribution from school founders whose support is essential for cooperation between schools and business.

Miloš Rathouský, Confederation of Industry, CR

Monika Ladmanová, IBM ČR

School director, abroad (tbs)

School director, CR (tbs)

Founder representative, CR (tbs)

Moderator:

16.00 – 16.15 Coffee break

16.15 – 17.30 Afternoon panel B

How to increase the attractiveness of teaching the MST?

Education of science and engineering fields 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 do choose 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 in these fields in their processes. While, in fact, these companies create perspective job offers and have an important impact on economic growth in Europe and the Czech Republic.

17.30 – 19.00 Formal conclusion with a glass of wine

Presentation of conclusions from the 1st day of Conference

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2nd Day of Conference – 13 September 2011

09.30 – 11.00 Main panel

Main panel will continue on topic of last year's conference, school leadership. School directors and leading teachers will get information about results of Middle 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

Emese Abari-Ibolya, leader of Middle European project Leadership, Tempus Public Foundation, Hungary

Eliška Křížková, part coordinator of Middle European project Leadership, NIDV, CR

Václav Trojan, Faculty of Education UK Praha, CR (tbs)

Jitka Kmentová, school director, Gymnázium na Zatlance, CR (tbs)

Jiří Trunda, school director, ZŠ Legerova Praha, CR (tbs)

11.00 – 11.30 Coffee break

11.30 – 13.30 Examples of good practice

17.30 – 19.00 Formal conclusion, lunch

Presentation of Conference conclusions

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