Promoting the development of information thinking (PRIM)
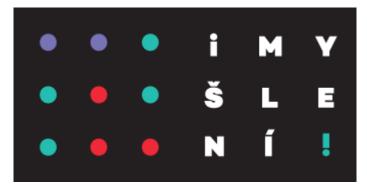
Dear readers and authors of articles in our magazine. Let me mention one of the key projects that will affect the teaching of computer science at Czech schools. For this reason I would like to mention in this editorial what is the aim of this project and what outputs of this project will be important for informatics teachers and how the changes will be reflected in their practice.

The PRIM project aims to innovate the content of the educational area of Informatics and ICT by accentuating education aimed at developing the students' IT thinking. The project assumes the creation and pilot verification of comprehensive sets of teaching materials for all levels of schools, as well as a system of education of teachers teaching informatics in undergraduate education and in practice. At the same time, it will popularize topics related to information thinking, such as programming, understanding of information, robotics.

Main objectives of the project:

- to create a complex of interconnected educational materials (especially methodological materials for teachers) for all age groups,

- to build a system of training of teachers of the subject "Informatics" for all levels of schools,

- elaborate a unified system of training of future teachers at all faculties of education, which includes subjects of professional and didactic training of teachers,

- to reach the public with popularization campaigns that should attract attention and tune the company more favorably to IT professions and significantly influence the change of the company's negative attitude towards technical professions.

The project is implemented as part of the Operational Program Research, Development and Education and is co-operated by all faculties of education in the Czech Republic.

Project logo

One of the partial outputs of the project is to create a set of textbooks in computer science for students of primary and secondary schools. For inspiration, you can find the textbooks at: https://www.imysleni.cz/ucebnice

Currently, textbooks are being tested at selected schools in the Czech Republic and are continually updated and improved according to the comments of teachers who test the textbooks in practical lessons. The final textbooks will be available to teachers for the 2020/2021 school year

Tomas Javorcik

Executive Editor