

Abstracts for “Monday-Seminar” for mathematics education,

**Friday 16 April, 10.15-12.00, room H1-023**

**1.) Jan Benacka (Constantine The philosopher University in Nitra, Slovakia):  
The program EXCEL in secondary school mathematics: developing interactive  
applications for studying elementary functions and basics of calculus.**

Presentation of ready-to-use applications have been developed by the visiting teacher.

Exchanging experience in the concepts and methods of teaching didactics of informatics by using ICT.

Evaluation of the presentation by using the Comenius project MOTIVATE ME questionnaire and getting valuable feedback for an improvement of interactive applications.

**2.) Jozef Fulier (Constantine The philosopher University in Nitra, Slovakia):  
History of mathematics and mathematics education in the  
geographical part of Europe where the Slovak republic is located now.**

Some archeological artefacts, historical documents, events and important persons in mathematics and mathematical education within this particular Middle-European region will be presented. Also the role and main aims of the subject “history of mathematics in maths teachers training” will be discussed.