

# MATHEMATICS (TEACHER) EDUCATION FOR TEACHER MOBILITY

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The poster focuses on teacher mobility from the perspective of mathematics teacher education. It presents results obtained in MA<sup>2</sup>ThE TE AMO, the European project researching knowledge and practices essential for successful mathematics teaching abroad. The situation is framed by the complexity of learning and teaching in multicultural and multilingual settings, i.e. mathematics is taught in classrooms abroad where the teacher has not the same mother tongue as students of the country. In order to achieve the project aims, new, experimental university courses were developed to provide the participants with new trends in mathematics education. More stress was put on methodology, awareness of different educational settings, and interdisciplinary approach. It was necessary to devise tools that would provide the teachers with essential educational support and give them more confidence for successful teaching through a foreign language. Project activities were piloted in five European countries: Austria, Czech Republic, Denmark, France, and Italy. For this presentation, we combined ideas and findings related to different domains - mathematics teacher education and theories of second language acquisition (Hofmannová, Novotná, Moschkovich, 2004). The poster brings examples of preparatory activities and useful practices from pre- and in-service teacher training, toolbox content, as well as the most interesting findings stated in the post-mobility analyses.

## References

Hofmannová, M., Novotná, J. & Moschkovich, J. (2004). Working with theories from outside mathematics education. In: *PME 28*. Eds. M.J. Høines, A.B. Fuglestad. Bergen University College: Vol. 1, 229-235.

The contribution presents interim results gained from the Socrates Comenius 2.1 project : MA<sup>2</sup>ThE TE AMO – MAKING MATHematics TEACHERS MOBILE 129543-CP-1-2006-1-IT-COMENIUS-C21. The members of the team are: F. Favilli , R. Peroni (University of Pisa, Italy), A. Ulovec, Ch. Brunner, A. Brychta, (University of Vienna, Austria), J. Novotná, M. Hofmannová (Charles University in Prague, Czech Republic), A. Jäpelt, B. Lotzfeldt (University College Lillebaelt, Skaarup College of Education, Denmark), Y. Alvez, J.-F.

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