

# Intercultural learning in science and mathematics initial teacher education

## WHAT is the IncluSMe project?

IncluSMe

- stands for 'Intercultural learning in mathematics and science education'
- → offers a constructive contribution for tackling one of Europe's greatest challenges:
  - education for an increasing number of refugee and immigrant youth
  - to integrate them into educational systems
  - · to provide for stable, socially cohesive societies
- → thus contributes to making initial education of prospective maths and science teachers more relevant and more adapted to societal challenges of an increasingly diverse Europe

# WHAT does IncluSMe offer?

→ Student Mobility & Summer Schools

- For intercultural learning first-hand experiences are indispensable. Therefore, our summer schools are envisaged as door openers for promoting the mobility of maths and science ITE students.
- Summer school 2018 in Prague, Czech Republic
- for students of natural sciences in initial teacher programmes
- 10 days between June August 2018, exact dates tbc

Summer school 2019 in Vilnius, Lithuania

- for students of mathematics in initial teacher programmes
- 10 days between June August 2019, exact dates tbc



#### → International Conferences Events

- International Conference on Interdisciplinary STEM Studies Summer 2018 in Nitra, Slovakia
- International Conference on Language in STEM Education Summer 2019 in Nicosia, Cyprus

#### → Teaching Modules

Core to the project is the design and implementation of open access teaching modules on intercultural learning for prospective maths and science teachers

Available on our website in summer 2018!

## IncluSMe AIMS on

- → increasing the quality of higher education curricula for prospective maths and science teachers by linking maths and science education with intercultural learning;
- → strengthening students' social, civic and intercultural competences;
- → equipping prospective teachers with the skills to deal with challenges of multicultural classrooms;
- promoting student mobility to enable first-hand intercultural experiences;
- → strengthening transnational cooperation between universities in establishing mobility programmes for maths and science students;
- → a greater progress towards curriculum innovation with respect to the inclusion of intercultural learning as an integral part of maths and science subject didactics.

### WHO are the partners?

- experts in maths and science education, in inclusion and diversity, in mobility and intercultural learning, as well as people involved in pilot projects for refugees
- 11 teams of higher education institutions for initial teacher education from 11 countries across Europe
- ICSE at University of Education Freiburg, Germany (coordinating institution)
  University of Nicosia, Cyprus
- University of Hradec Králové, Czech Republic
- University of Jaen, Spain
- National and Kapodistrian University of Athens, Greece
- Vilnius University, Lithuania
- University of Malta, Malta
- Utrecht University, Netherlands
- Norwegian University of Science and Technology, Norway
- Jönköping University, Sweden
- Constantine the Philosopher University, Slovakia



# CONTACT US!

You are interested in a summer school, collaboration or exchange? You would like to obtain our expertise or simply register for our newsletter? Contact us at icse@ph-freiburg.de or visit on http://inclusme-project.eu



A. Frank, S. Krauss & K. Binder (Hrsg.), Beiträge zum Mathematikunterricht 2019. Münster: WTM-Verlag. Seite 1393