

1. Title of the interactive event

Multi-Cultural and Personalized Access to Mathematical Content with Math-Bridge

2. Name, affiliation, email, and URL of the proposer(s)

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3. An abstract (approx. 200 words): describing the main purpose of the interactive event and stating the significance of the topic for the proposed interactive event

The proposed interactive event will demonstrate Web-based Platform for Remedial Mathematical Learning – Math-Bridge. The main focus will be made on the unique features of Math-Bridge, such as multilingual and multi-cultural access to mathematical learning material, adaptive course generation, semantically enriched search of learning objects, social feedback infrastructure etc. Math-Bridge provides unified access to the biggest in Europe collection of semantically annotated high-quality interactive learning content for bridging course in mathematics. It has been developed as a joint effort of several European universities.

4. Description of the format of the interactive event, including a narrative of the interactive event flow, including roles of organizers and participants, and how participants will learn in this interactive event

The interactive event will start with a general introduction into Math-Bridge project using Math-Bridge website. From the Math-Bridge website, the presenter will launch the public demo of the system. Within the demo version of the system, the presenter will demonstrate several pre-defined courses in several languages, then generate an adaptive course for the novice student, then will take a placement test to initiate the student model and will generate the course once again to demonstrate how adaptive course generation reacts to the changes in student model. Various Math-bridge functionality and types of learning content will be demonstrated on the way.

5. Include examples of materials, hardware, software, and other technologies used in this interactive event

The organizer of the event will have a laptop computer running the system. Conference organizers are expected to provide internet connection and a PC projector (should the event be presentation style). A poster will be made, it will accompany the face-to-face demonstrations.

6. Summary of scheduling needs ("One-shot" interactive event in a room?
Asynchronous or face-to-face interactive event distributed over the conference period?)

One-shot interactive event in the room is preferable, in this case the demo should not take more than a regular conference presentation (20-25 minutes). However, if presentation-style event is not possible, face-to-face interactive presentations can be organized.

7. Number of participants you can accommodate

This depends on the exact format of the demo. Essentially, as many as a conference room allows.

8. Summary of equipment needs. We can not commit in advance to meet all requests. The equipment needs should be discussed with conference organizers
See item 5.