

MIT-Global Teaching Lab Workshop

I.T.I.S. “Galileo Galilei”

Rome, Italy, January 8–10, 2013

This workshop’s main goal is to introduce, implement and evaluate curriculum-development activities based on the Technology Enabled Active Learning (TEAL), Mathlets, Star Biology, OCW Blossoms and Global Teaching Lab and other resources developed at MIT.

The workshop will be run by Dr. Peter Dourmashkin Senior Lecture Department of Physics MIT.

Peter Dourmashkin is currently Senior Lecturer in the Department of Physics at MIT, specializing in the teaching of first-year students at MIT. His research interests are in Mathematical Physics, Lie Group and Algebra Representation Theory. Starting in 2001, he has been part of the development, implementation, and teaching team for Technology Enabled Active Learning (TEAL), a project that has successfully reformed first-year physics education at MIT.) He has developed OCW Scholar Courses, the Physics Curriculum for a new university, the Singapore University of Technology and Design (SUTD), and is currently working on online learning through MITx and edX.

Agenda

Tuesday, January 8:

9 am -12 noon: Introduction to Active Learning: Presentation and Workshop

2-5 pm Workshop: Curricula Development Workshop for Mathematics, Physics, Chemistry, and Biology

Wednesday, January 9:

9 am -12 noon: Curricula Development Workshop for Mathematics, Physics, Chemistry, and Biology

2-5 pm: Workshop Presentations

Thursday, January 10: Participants: Science Teachers of Lazio

9 am -12 noon: Director-General of Schools of Lazio and other experts of CLIL methodology will participate as speakers.

2-5 pm: Curricula Development Workshop for Mathematics, Physics, Chemistry, and Biology.