



**MPTL**  
Multimedia in Physics  
Teaching and Learning



**July 7-12, 2014**  
**University of Palermo**  
**Italy**



## Teaching/Learning Physics: integrating research into practice

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Dear Colleague,

We warmly invite you to participate in the GIREP-MPTL International Conference on Teaching/Learning Physics: Integrating Research into Practice to be held on July 7-12, 2014 at University of Palermo, Italy.

During the last few years, evidence based Physics Education Research provided results concerning the ways and strategies to improve student conceptual understanding, interest in Physics, epistemological awareness and insights for the construction of a scientific citizenship. However, Physics teaching practice seems resistant to adopting adapting these findings to their own situation and new research based curricula find difficulty in affirming and spread, both at school and university levels. We hope that our conference will offer an opportunity for in-depth discussions of this apparently wide-spread tension in order to find ways to do better.

The organizers invite contributions addressing the following sub-themes in the field of:

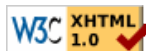
- Physics Teaching and Learning at Elementary, Secondary and University Levels;
- Physics Teaching and Learning in Informal Settings;
- In-service and Pre-service Teacher Education;
- Physics Curriculum and Content Organization;
- Pedagogical Methods and Strategies;
- History of Physics in Physics Education;
- ICT and Multi-Media in Physics Education;
- Motivational Strategies and Metacognition;
- Socio-Cultural Issues.

The conference was initiated by Groupe International de Recherche sur l'Enseignement de la Physique (GIREP) and the Multimedia in Physics Teaching and Learning (MPTL) group and it will be sponsored by the International Commission on Physics Education (ICPE) - Commission 14 of the International Union for Pure and Applied Physics (IUPAP), the European Physical Society - Physics Education Division and the Latin American Physics Education Network (LAPEN) and the Società Italiana di Fisica (SIF) .

### NEWS AND UPDATES

Registration is open!  
Please go to ["Registration & Accommodation" page](#)

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