

World Conference on Physics Education, 2012

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The Roles of Context, Culture and Representations in Physics Teaching & Learning

Istanbul, 1-6 July 2012

www.wcpe2012.org

Format

The format will be similar to the World Conference on Physics and Sustainable Development. In this mode some sessions will be general with plenary speakers. However, in keeping with modern views of pedagogy most sessions will operate in an interactive workshop mode. In addition, each theme will have a smaller working session. Each theme will be divided into sub themes for discussion and establishing an action plan.

Tentative Strands

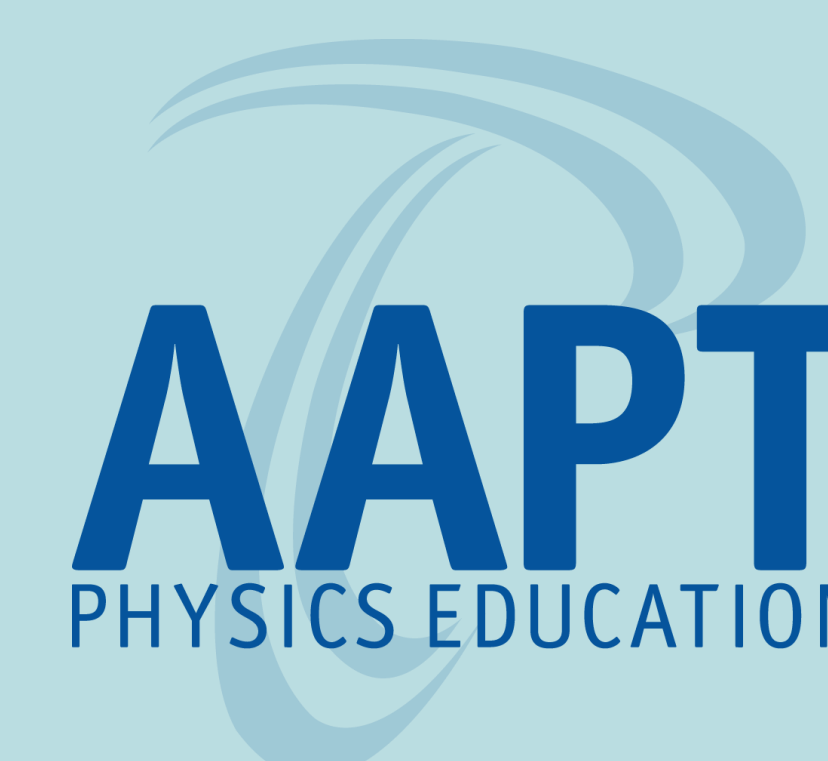
- Contemporary Research in Physics Education
- Research-based curricula
- Introductory level courses
- Advanced courses and/or laboratories
- Low-cost student activities – with and without technology
- Teacher Education
- Teaching physics as part of an interdisciplinary program
- Teaching Physics of Art/Medicine/Music/...
- Teaching the ethical practices of physics research



Tentative Sponsors or Interested Organizations



MPTL
Multimedia in
Physics
Teaching &
Learning



Other physics education organizations are being invited to join.

Concept

Physics teachers and physics education researchers throughout the world face similar issues related to student learning. Communications across borders have sometimes been limited. The World Conferences on Physics Education will be a series to be held once every four years and provide a forum for physics education researchers, developers and teachers to communicate and establish ongoing collaborations concerning the major issues in physics teaching and learning.

Paper Submission Deadline: November 14, 2011

