

First Circular (January 2005)

Dear colleagues, participants and friends,

there are at least two reasons to come to our workshop in Berlin: first, the city itself, which I know since 30 years and which changed a lot during the last 10 years, second, of course, our

10th Workshop on Multimedia in Physics Teaching and Learning.

The workshop will take place at the

**Freie Universität Berlin, Germany
October 5 – 7, 2005.**

If you are interested in MPTL10 please visit the homepage

http://pen.physik.uni-kl.de/w_jodl/MPTL/MPTL10/index.html

It contains detailed information about the topics of the conference, about accommodation, travelling, registering and submitting contributions.

Information about former workshops in Parma (2002), Prague (2003) and Graz (2004) – programs, participants, electronic proceedings – can be found

http://pen.physik.uni-kl.de/w_jodl/MPTL/Mmeuro.htm

Our workshop has two main categories of presentations

- Invited talks
- Interactive poster sessions

List of invited speakers:

- **Richard Bacon** (Surrey, United Kingdom)
Use of Multimedia in Physics Teaching in the United Kingdom (National Report)
- **Ruth Chabay & Bruce Sherwood** (Raleigh, NC USA)
VPython: 3D Simulation and Visualization in the Introductory University Physics Course – Matter and Interaction
- **Vitor Duarte** (Lisbon, Portugal) – **CoLoS** Group
Mathematical Modelling with Modellus as an Integral Part of the Physics Curriculum
- **Bodo Eckert** (Kaiserslautern, Germany)
New Initiative: Status report “Use of Multimedia in the Physics Teaching and Learning in Europe”
- **Ton Ellermeijer** (Amsterdam, Netherlands)
Ten Years of MPTL – Workshops (Past and Future)
- **Hans-Jürgen Korsch** (Kaiserslautern, Germany)
Use of Multimedia in a Lecture on Nonlinear Dynamics

- **Leopold Mathelitsch** (Graz, Austria)
Report and Recommendations on Available Multimedia Material for Teaching Heat, Thermodynamics and Statistical Mechanics
- **Dieter Schumacher** (Düsseldorf, Germany)
Use of Multimedia in Student Labs (majors and non-majors) – Status Report

The interactive poster presentation – being held during the coffee break (1-2 hours) – will give the authors the chance to demonstrate lively on their computer the recent materials or progress in their work; the participants of the workshop, on the other hand, will have the chance to take a closer look on new material.

Preliminary Schedule

Wednesday, Oct. 5

- Registration (10:00 – 14:00)
- Opening (14:00)
- First session (14:30 – 17:15)
- Reception and welcome party (18:00)

Thursday, Oct. 6

- Second session (9:00 – 10:30)
- Coffee break and interactive poster session (10:30 – 12:30)
- Lunch
- Third session (14:00 – 15:30)
- Coffee break and interactive poster session (15:30 – 17:30)
- Workshop dinner

Friday, Oct 7

- Fourth session (9:00 – 12:30)
- Lunch
- Sightseeing tour of Berlin (14:00 – 17:00)

Deadlines

- First circular (January 2005)
- Second circular (March 2005)
(Details about accommodations, registration fee, funding/sponsoring)
- Registration (1. June 2005)
- Submission of contribution abstracts (1. June 2005)
- Third circular (September 2005)
(final program, social events, ...)
- Submission of final form of contributions for the electronic proceedings
(December 2005)

Because the MPTL10 meeting coincides with the annual **CoLoS** (Conceptual Learning of Sciences) meeting, we have organized a number of joint sessions in order to facilitate the exchange of information between these two groups. Additional information about **CoLoS** can be obtained from their website: <http://www.colos.org>

Please forward this circular to colleagues who are active or interested in this topic.

With our best regards, for the organizing committees

J. Kirstein, TU Berlin
V. Nordmeier, TU Berlin
P. Steidl, FU Berlin

H. J. Jodl, TU Kaiserslautern
B. Eckert, TU Kaiserslautern