

12<sup>th</sup> INTERNATIONAL CONFERENCE ON MULTIMEDIA IN PHYSICS TEACHING AND LEARNING (MPTL12)

Institute of Experimental Physics, pl. Maxa Born'a 9, 50-204 Wrocław

## PROGRAM

13.09.2007 - Thursday

9.00 – 11.00	Registration			
11.00 – 11.30	Opening ceremony			
11.30 – 12.20	<b>John W. Belcher</b>	Massachusetts Institute of Technology	The MIT TEAL Simulations and Visualizations in Electromagnetism	Bruce Mason
12.20 – 12.40	<b>Raimund Girwidz</b>	University of Education Ludwigsburg	Multicoding and Interactivity with Computer Visualizations	
13.10 – 13.30	<b>José M. Zamarro</b>	University of Murcia	Learning Quantum Physics Building Simulations	
13.30 – 13.40	Summarizing discussion			
13.40 – 14.30	Lunch			
14.30 – 15.20	<b>Robert Teese</b>	Rochester Institute of Technology	Video Analysis - A Multimedia Tool for Homework and Class Assignments	Wolfgang Christian
15.20 – 15.40	<b>Zuzana Jeskova</b>	Safarik University, Kosice	Video Measurements as a Means of Physical Phenomena Visualization	
15.40 – 16.00	<b>Hermann Härtel</b>	University of Kiel	Use of Computer Supported Material for Better Understanding of Difficult Concepts in Physics	
16.00 – 16.20	Coffee break			
16.20 – 17.10	<b>Leopold Mathelitsch</b> <b>Hansjörg Jodl</b>	University of Graz TU-Kaiserslautern	Evaluation of Multimedia Learning Materials in Condensed Matter Physics and Particle Physics	Urban Thürauer
17.10 – 17.30	<b>Sasa Divjak</b>	University of Ljubljana	Slovenian Experience with Development and Deployment of SCORM Compliant Courseware	
17.30 – 17.50	<b>Vegard Engström</b>	Simplicatus AS, Løvenstad	SUPERCOMET 2: Teacher Training in Active Learning	
17.50 – 18.10	<b>Libor Konicek</b>	University of Ostrava	Impact of Multimedia Program SUPERCOMET 2 on the Teacher and Pupils	
18.10 – 18.20	Summarizing discussion			
18.30	Supper			

14.09.2007 - Friday

9.00 – 9.50	<b>Hartmut Schmidt</b>	University of Applied Sciences Darmstadt	Multimedia in Testing Industrial Products	Jozefina Turlo
9.50 – 10.10	<b>Lech Mankiewicz</b>	Polish Academy of Science, Warsaw	Hands-On Universe. Bringing Modern Astronomy to Teachers	
10.10 – 10.30	<b>Pawel Barczyński</b>	University of Łódź	Gliding over Physics	
10.30 – 10.50	<b>Franz Schauer</b>	Tomas Bata University in Zlín	Real Interactive Physics Experiments with Data Collection and Transfer Across Internet	
10.50 – 11.00	Summarizing discussion			
11.00 – 11.20	Short presentations (2 min.) of interactive posters - session A			
11.20 – 11.35	Coffee break			
11.35 – 13.00	Poster session A			
13.00 – 14.00	Lunch			
14.00 – 14.50	<b>Wolfgang Christian</b> <b>Francisco Esquembre</b>	Davidson College University of Murcia	Modelling Science with Open Source Physics and Easy Java Simulations	Sasa Divjak
14.50 – 15.10	<b>Włodzimierz Natorf</b>	WSIP S.A.	Between "paying attention" and "hands-on" Learning	
15.10 – 15.30	<b>Marek Godlewski</b>	ZAMKOR	Computer Animation and Experiment Controlled via Internet as an Effective Tool for Easier Explanation of Physical Phenomena	
15.30 – 15.50	<b>Gerd Kortemeyer</b>	Michigan State University	LON-CAPA: Open Source Course Management and Assessment System	
15.50 – 16.00	Summarizing discussion			
16.00 – 16.20	Short presentations (2 min.) of interactive posters – session B			
16.20 – 16.35	Coffee break			
16.35 – 18.00	Poster session B			
20.00	Conference dinner			

15.09.2007 – Saturday – first morning session in "Multicentre", pl. Teatralny 5

9.30 – 9.50	<b>Anna Konieczna</b> <b>Robert Konieczny</b>	Multicentre, Wrocław	Wrocław Interactive Educational Centre	Hansjörg Jodl
9.50 – 10.10	<b>Marek Szymański</b>	Warsaw University of Technology	Virtual Physics Laboratory - selected topics	
10.10 – 10.30	<b>Frank Schweickert</b>	University of Amsterdam	Data Logging for Primary Schools	
10.30 – 10.40	Summarizing discussion			
10.40 – 11.30	Coffee break and transportation to Lecture Hall at the Institute of Experimental Physics			
11.30 – 12.20	<b>Fu-Kwun Hwang</b>	National Taiwan Normal University	Integrating Java Simulations into Physics Teaching and Learning	Leopold Mathelitsch
12.20 – 12.40	<b>Józefina Turlo</b>	Nicolaus Copernicus University, Toruń	Multimedia versus Microcomputer Based Laboratory Methods and Tools in Science Education	
12.40 – 13.00	Closing ceremony and invitation to MPTL 13			
13.00 – 13.40	Lunch			
13.45	Sightseeing tour in Wrocław			