

The SUPERCOMET 2 Project

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SUPERCONductivity Multimedia Educational Tool, Phase 2

...should be made as simple
as possible, but not simpler...

Overview

Aims

- Test/evaluate/improve SUPERCOMET materials
- Develop new materials (hands-on, simulations)
- Promote networks among physics educators

Duration Nov. 2004 – May 2007

Budget € 547 619

Partners 15 Universities, 24 schools, 1 company

Dissemination and networking

Project participants at MPTL-10, Berlin, Oct. 2005:

Federico Corni	Francisco Esquembre
Vitor Duarte-Teodoro	Leopold Mathelitsch
Ton Ellermeijer	Nadezhda Nancheva
Vegard Engstrøm	

Participants at GIREP Seminar – Ljubljana, Sept. 2005:

Jean Marie Blondeau	Gregorz Karwasz	Nadezhda Nancheva
Federico Corni	Libor Koniček	Wim Peeters
Ton Ellermeijer	Leopold Mathelitsch	Eryk Rajch
Vegard Engstrøm	Erika Mechlova	Monique Vindevoghel
Carmen Holotescu	Marisa Michelini	

Deliverables

Teacher seminar	Main project result, focus on ICT in teaching and superconductivity
Computer application	Example of quality ICT materials
Hands-on kit	Example of quality experiments
Teacher guide	Background info, lesson plans
Classroom posters	Popularizing superconductivity
Intranet	Development tool
Extranet	Dissemination, public interest
Online community	Empowering teachers, networking

Timeline

- Spring 2005:** Translation and adaptation
- Fall 2005:** Testing and evaluation – round 1
- Spring 2006:** Develop new versions of materials
- Fall 2006:** Testing and evaluation – round 2
- Spring 2007:** Further improvements
Documentation

Work packages

WP1: Testing and evaluation

Ostrava, Rouse, Lisbon, IoE

WP2: Teacher seminar, Teacher guide, Hands-on kit

Loughborough, Antwerp, Rouse, Ostrava, PAP, Udine, Graz

WP3: Computer application - new modules

Simplicatus, Lille, PAP, Daugavpils, Munich, Ludwigsburg

WP4: Empowering teachers, online community

AMSTEL, Lisbon, Murcia, Timsoft, Collaboranda

WP5: Dissemination, equal opportunities

Simplicatus, Murcia, all partners