

PTEE 05

4th International Conference on Physics Teaching in Engineering Education

Main Theme: European Dimension of Physics Engineering Education

June 29 – July 1, 2005, Brno, Czech Republic

On behalf of SEFI PWG organised by:
Brno University of Technology, Department of Physics FEEC
Under the auspices of Prof. Jan Vrbka, Rector of the Brno University of Technology

Dear colleagues,

the PWG of SEFI organises the 4th International Conference on Physics Teaching in Engineering Education (PTEE 2005) with the main theme European Dimension of Physics Engineering Education.

The conference will be held on June 29 – July 1, 2005 at the Brno University of Technology.

Brno lies in the central part of Europe, in the Czech Republic of which it is the second largest city. Brno is easy to reach from Prague, Vienna (Austria) and Bratislava (Slovakia).

We are pleased to welcome everybody interested in physics education to take part in the Conference. There will be opportunity for oral and poster presentations, for workshops as well as for intensive discussions and fruitful exchange of ideas.

The year 2005 was declared by UNESCO as the World Year of Physics. In 1905, Albert Einstein wrote his legendary articles which provided the basis of three fundamental fields in physics: the theory of relativity, quantum theory and the theory of statistical physics. The year 2005 will provide the opportunity to celebrate the 100th anniversary of this Miraculous Year.

I hope that you will enjoy not only the conference atmosphere but also the beauty of wonderful landscape, including a famous "Three-Emperors battle-field" near Austerlitz (1805) and wine-cellar excursion.

We look forward to meeting you in Brno.

Lubomir Grmela – *Conference Chairman*
Head of Department of Physics
Faculty of Electrical Engineering and Communication
Brno University of Technology

Programme and Organising Committee:

Hans Fuchs (Switzerland)	co-chair
Pavel Tomanek (Czech Republic)	co-chair
Miloslav Svec (Czech Republic)	vice-rector BUT
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Pavel Dobis (Czech Republic)	
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Marlia Vloemans (The Netherlands)	

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Scope

The scope of the International Conference on Physics Teaching in Engineering Education (PTEE) includes all aspects of physics teaching in engineering education.

The aim of the conference is to bring together people working in this field and to provide them with a forum for the exchange of ideas and experience. The PTEE conference is organised by Working Group Physics and Engineering Education (PWG) of Société Européenne pour la Formation des Ingénieurs (SEFI) as a periodic event. Previous conferences in this series were organised in Copenhagen (1997), Budapest (2000) and Leuven (2002).

Presentations

Plenary meetings with invited talks, parallel sessions and workshops are planned. The conference language will be English, no translation will be provided.

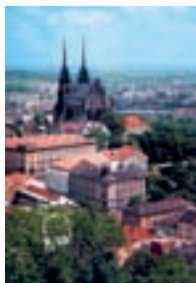
Venue

The conference will take place on the campus of the Brno University of Technology (VUT Brno), Technická 8, CZ-61600 Brno. The campus is located about 5 km far from the city center on the north of the town.

For more information about the city of Brno go to: <http://www.bрно.cz>

Conference topics

- T1. Physics, technology and society
- T2. European physics core curriculum for engineering students
- T3. Physics in bachelors' and masters' study programs for engineers
- T4. Mathematical knowledge and skills of physics course students
- T5. Technical applications in physics courses
- T6. Advanced physics topics in engineering education
- T7. ICT in physics engineering education, eLearning, modelling and simulation
- T8. Didactics, new methods and education research in PTEE
- T9. Laboratory work, demonstrations and hands-on experiments
- T10. Other related subjects



Call for contributions/ registration

We invite all people involved in the physics for engineers to participate in this conference either with a paper, a poster or a workshop.

If you intend to present the contribution, please fill in the online registration form as soon as possible on the website of the conference:

<http://fyzika.feec.vutbr.cz/ptee>

All contributions will be reviewed by the Programme Committee and authors will be notified about the acceptance of submitted abstracts and the selection for oral or poster presentation before 28 February 2005. Each participant is eligible for one presentation.

Proceedings

A printed Abstract Booklet and a CD copy of the Proceedings of all accepted contributions will be available at the beginning of the conference.

Important dates

Abstract submission deadline: 31 January 2005
Notification of acceptance: 28 February 2005
Paper submission deadline: 15 April 2005

Local Organising Committee

Jitka Brustlova - chair
Milada Bartlova
Pavel Koktavý
Karel Liedermann
Jiri Majzner
Petr Sedlak
Vlasta Sedlakova

Contact address:

PTEE2005
Brno University of Technology
Technická 2848/8
CZ-61600 Brno
Czech Republic

All correspondence should be addressed to:

ptee@feec.vutbr.cz

For further details visit our web site

<http://fyzika.feec.vutbr.cz/ptee>