

Pre-registration Form

COMPUTATIONAL PROBLEMS OF ELECTRICAL ENGINEERING

Zakopane, Sept. 1-4, 2004

Title _____ First Name _____

Surname _____

Affiliation _____

Address _____

Tel, fax: _____

E-mail: _____

Paper title: _____

Preferred form of presentation (choose):

oral poster

Please fill this form and send it to the Workshop secretariat.
Alternatively you can fill the application form at the Workshop
www site: <http://www.iem.pw.edu.pl/cpee>

Announcement and Call for Papers

The International Workshop is the event organized every year since 1999 and is focused on the computational aspects of the electrical engineering, including signal, circuit and field theory. It is organized under auspices of the Polish Chapter of IEEE organization. The main task of the workshop is the exchange of the experience of the scientists of central and eastern Europe in the modern mathematical methods of the analysis, optimisation and design approaches in the mentioned above fields. The participants of the workshop are coming from Poland, Ukraine, Russia, Czech Republic, Slovakia, Hungary and also western countries like Great Britain, France and Japan. The main research streams in the workshop are concentrated in the following scientific subjects:

- development of efficient methods of signal processing based on application of PCA, ICA, wavelet transformation, impedance tomography etc.
- the artificial neural and neuro-fuzzy networks approaches to the solution of signal processing tasks belonging to the estimation, identification, prediction and approximation problems
- development of new effective methods for the solution of some bio-medical problems
- development of effective numerical methods of the analysis of the electro-magnetic fields by applying finite element and boundary elements in 3-D problems related to biomedical engineering
- application of optimisation methods to the design of electrical systems by using field and circuit and signal theory tools
- the educational part of the workshop, in which the proposition of inclusion of some scientific achievements into the education of university students are proposed.

Paper Submission

Papers have to be prepared according to guidelines given in the workshop web page:

<http://www.iem.pw.edu.pl/cpee>

The schedule of submission :

31.03.2004 Summary submission
20.04.2004 Notification of acceptance
31.05.2004 Submission of camera-ready papers
15.07.2004 Conference fee due

Method of submission:

Electronic version of the paper should be uploaded to the workshop web page (look for "upload" link).

The one page abstract can be uploaded in any readable format: it can be a plain text, MS Word doc or rft format, Postscript or PDF.

The final version of the accepted paper should be uploaded as a bundle of the print-ready file in pdf or Postscript format and all sources. The page for uploading of final papers will be available from April 21st, 2004.

Registration fee

The cost of participation is 800 Polish zloty, which includes registration fee, accommodation with full board and workshop proceedings (printed and CD) and social events.

The cost for accompanying person is 400 Polish zloty, what includes registration fee, accommodation with full board and accompanying person's programme.

The payment should be made to the **account:**

81124010531111000005005664

Bank PEKAO S.A. IV O/W-wa

(For Polish participants: NIP PW: 521-000-58-34)

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S. Osowski - Chairman

S. Rendzinyak - secretary K. Siwek

J. Starzyński - secretary B. Sawicki

R. Szmurło

Address for correspondence:

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International Workshop

E-mail: workshop@iem.pw.edu.pl

Tel: +48 22 660 56 44 (*Jacek Starzyński*)

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**WARSAW UNIVERSITY
OF TECHNOLOGY**

**Institute of the Theory of
Electrical Engineering and
Electrical Measurements**



**LVIV POLYTECHNIC
NATIONAL UNIVERSITY**

**Department of Theoretical and
Electrical Engineering**

6th INTERNATIONAL WORKSHOP

**"Computational Problems
of Electrical Engineering"**

under auspices of

Zakopane, Poland

September 1-4, 2004