

CALL FOR PAPERS

In order to highlight academic results of the

TEMPUS project CD-JEP 16160/2001

“Innovation of Computer Science Curriculum in Higher Education”,

the Central Management Team (CMT) of the project organize publishing of

**Special Issue of
FACTA UNIVERSITATIS
Series: Electronics and Energetics
devoted to
Computer Science Education**

edited by

Mile Stojcev

and

Ivan Milentijevic

The special issue will contain invited papers from all participating institutions. The aim of the issue is to present achievements in Computer Science teaching and Computer Science education.

The deadline for submission of papers is February 27th, 2005.

Journal info can be found at <http://factae.elfak.ni.ac.yu/>.

Submitted papers should be written in English.

**Proposals for invitations for the special issue have been given by
Central Management Team**

Mile Stojcev, University of Nis, Serbia and Montenegro

Ivan Milentijevic, University of Nis, Serbia and Montenegro

Claudio Moraga, University of Dortmund, Germany

Katerina Georgouli, Technological Education Institution of Athens, Greece

Marjan Gusev, University of St. Cyril and Methodius, Skopje, FYR Macedonia

Miroslav Ciric, University of Nis, Serbia and Montenegro

Topics of interest include (but are not limited to):

- **Innovations in Computer Science Curriculum**
 - Review of current curriculum,
 - Proposals for new curriculum,
 - Proposals for new syllabi,
 - Lab practicing organization,
 - Computer science courses for non-CS specialists.
- **Multimedia teaching tools**
 - Development of multimedia teaching tools,
 - Simulators and emulators in teaching,
 - Presentation tools,
 - User interaction,
 - Simulators for performance evaluation.
- **Artificial intelligence in teaching**
 - Expert systems,
 - Machine learning,
 - Distance learning,
 - Tele-teaching.
- **Internet technologies**
 - Creation of University web sites,
 - Web portals for courses,
 - Virtual labs.
- **Mathematics in computer science**
 - Package MATHEMATICA in teaching,
 - Lab practicing organization.
- **Selective topics**
 - Students' projects,
 - Development of software tools for testing students,
 - Organization and structure of lessons,
 - Methods for knowledge evaluation,
 - Lecturers evaluation.

Electronic version of full paper should be sent to the Organization Secretary.
Deadline for submission is **27th February 2005**.

Instructions for authors can be found at

<http://tempus.elfak.ni.ac.yu/Journal/Instructions.html>.

More information about the project TEMPUS CD-JEP 16160/2001 can be found at

<http://tempus.elfak.ni.ac.yu/>

Technical secretary

Vladimir Ciric, Faculty of Electronic Engineering, University of Nis

Aleksandra Medvedeva 14, P.O. BOX 73, 18000 Nis, SCG

Phone/fax: +381 18 529 603 / +381 18 588 399

Email: vciric@elfak.ni.ac.yu

PARTICIPATING INSTITUTIONS:

Computer Science Department, University of Dortmund, Germany

Faculty of Electronic Engineering, University of Nis, Serbia and Montenegro

Technological Education Institution of Athens, Greece

**Faculty of Natural Sciences and Mathematics, University of St. Cyril and Methodius,
Skopje, FYR Macedonia**

Faculty of Sciences and Mathematics, University of Nis, Serbia and Montenegro

