



# Tempus



Joint European Project CD\_JEP-16160-2001

## Innovation of Computer Science Curriculum in Higher Education

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

# Workshop on Teaching Methods In Computer Science Courses

Institute of Informatics, PMF, Skopje, Macedonia

Wednesday, October 8th, 2003

### Program:

#### 12:00 Opening and introductory ceremony:

C. Moraga, M. Stojcev, K. Georguli, I. Milentijevic, M. Gusev

#### 12:15 Session 1: Experience in CS education in EU (Germany and Greece)

C. Moraga: "Designing Applets to teach Neural Networks"

K. Georgouli: "An Adaptive Hypermedia System for Compilers"

P. Belsis, I. Chalaris, A. Malatras, I. Dracopoulos: "Supporting the learning process through knowledge based systems"

D. Kehagias, M. Grivas: "Building a Dynamic Clustering System for Education and Research"

E. Rossiou, G. Pantziou: "The changing model of Teaching and Learning Multimedia"

#### 13:15 Session 2: Development of CS education in SCG:

M. Stojcev, T. Stankovic: "Manual for Computer Architectures: Written Exercises"

O. Vojinovic, I. Milentijevic, V. Ciric: "SimArch: Work in progress"

M. Ciric, G. Kljajic: "TeX and PDF in Education"

#### 14:15 Session 3: Development of CS education in Macedonia:

M. Gusev: "Interactive response on-line learning"

M. Jancevski: "Distance Education Teaching and Tutoring"

G. Armenski: "Results from using e-testing method in CS education"

Lj. Antovski: "VHDL design in basic architecture courses - achievements"

J. Markovski: "Parallel and pipelining compiler techniques for ILP courses"

## **TEMPUS project**

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### **Innovation of Computer Science Curriculum in Higher Education**

Contracting Institution:

CSUD - Computer Science Department, University of Dortmund,  
Germany

Coordinating Institution:

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

Participating Institutions:

TEIA - Technological Education Institute of Athens, Greece

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

FNSMS - Faculty of Natural Sciences and Mathematics, St. Cyril and  
Methodius University, Skopje, Macedonia

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

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## **Workshop on Teaching Methods in Computer Science Courses**

Organizing Institution:

Institute of Informatics, PMF  
Skopje, Macedonia

Date and time:

**Wednesday, October 8th, 2003, 12:00 h**

**Workshop on  
Teaching Methods in Computer Science  
Courses**

11:30 – 12:00	Reception
12:00 – 12:05	<b>Introduction and opening ceremony</b> Dean, Head of Dept, Project Contractor

Session 1	<b>Experience in CS education in EU (Germany and Greece)</b> <i>Chairman: C. Moraga, K. Georgouli</i>
12:05 – 12:20	C. Moraga: "Designing Applets to teach Neural Networks"
12:20 – 12:35	P. Belsis, I. Chalaris, A. Malatras, I. Dracopoulos: "Supporting the learning process through knowledge based systems"
12:35 – 12:50	D. Kehagias, M. Grivas: "Building a Dynamic Clustering System for Education and Research"
12:50 – 13:05	E. Rossiou, G. Pantziou: "The changing model of Teaching and Learning Multimedia"
13:05 – 13:20	K. Georgouli: "An Adaptive Hypermedia System for Compilers"
13:20 – 13:35	Coffee Break

Session 2	<b>Development of CS education in SCG</b> <i>Chairman: M. Stojcev, I. Milentijevic</i>
13:35 – 13:50	M. Stojcev, T. Stankovic: "Manual for Computer Architectures: Written Exercises"
13:50 – 14:05	M. Ciric, G. Kljajic: "TeX and PDF in Education"
14:05 – 14:20	O. Vojinovic, I. Milentijevic, V. Ciric: "SimArch: Work in progress"
14:20 – 14:35	Coffee Break

Session 3	<b>Development of CS education in Macedonia</b> <i>Chairman: M. Gusev, M. Jancevski</i>
14:35 – 14:45	M. Gusev: "Interactive response on-line learning"
14:45 – 14:55	J. Markovski: "Parallel and pipelining compiler techniques for ILP courses"
14:55 – 15:05	G. Armenski: "Results from using e-testing method in CS education"
15:05 – 15:15	Lj. Antovski: "VHDL design in basic architecture courses - achievements"
15:15 – 15:25	M. Jancevski: "Distance Education Teaching and Tutoring"
15:30	Lunch