

**TEMPUS project**  
Joint European Project CD\_JEP-16160-2001



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Joint European Project CD\_JEP-16160-2001  
**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,  
University of St. Cyril and Methodius, Skopje, FYR Macedonia

**Workshop on  
Education in Computer Science**

***New Trends in Computer Science:  
A Challenge for Curriculum Innovations***

Organizing Institutions:

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

**Wednesday, October 13<sup>th</sup>, 2004**

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

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

## Timetable

9:45-10:00	<b>Reception</b>
10:00-10:10	<b>Opening and welcome speech</b> <i>Prof. dr Dragan Antić</i> , Dean, FEEN <i>Prof. dr Miroslav Ćirić</i> , Dean, FSMN

<b>Session 1</b>	<b>Chairmen:</b> <i>Claudio Moraga, Katerina Georgouli</i>
10:15-10:30 <b>1.1</b>	Remarks on Teaching History of Computing <i>R. Stankovic</i> (FEEN), <i>C. Moraga</i> (CSUD)
10:30-10:45 <b>1.2</b>	The Past and Future of Programming Languages <i>P. Stanimirović, I. Stanković</i> (FSMN)
10:45-11:00 <b>1.3</b>	New Presentation and Monitoring Tools in CS Education <i>M. Gušev, A. Mišev, A. Stefanov</i> (FNSMS)
11:00-11:15 <b>1.4</b>	New Trends in Computing. Natural Computing <i>Miroslav Ćirić</i> (FSMN)
11:15-11:30 <b>1.5</b>	Centura-CMS for learning support <i>I. Petković, M. Stanković, M. Rajković, P. Rajković</i> (FEEN)
11:30-11:45 <b>1.6</b>	Different Uses of an Open Code LMS for Educational Support <i>M. Grivas, P. Zahariou, K. Georgouli</i> (TEIA)
11:45-12:15	Coffee break

<b>Session 2</b>	<b>Chairmen:</b> <i>Mile Stojčev, Radomir Stanković</i>
12:15-12:30 <b>2.1</b>	A 'robotics-driven' Master Program <i>Claudio Moraga</i> (CSUD)
12:30-12:45 <b>2.2</b>	Topics in Modern Robotics for Computer Science Masters Program <i>G.S. Djordjević, M. Rasic</i> (FEEN)
12:45-13:00 <b>2.3</b>	Teaching Bioinformatics <i>N. Ackovska, A. Madevska</i> (FNSMS)
13:00-13:15 <b>2.4</b>	SimArch: From Desktop Application to Web-Oriented Teaching Tool <i>O. Vojinović, I. Milentijević</i> (FEEN)
13:15-13:30 <b>2.5</b>	New Information Technologies in Learning Statistics <i>M. Mihova, Z. Popeska</i> (FNSMS)
13:30-15:00	Lunch time

<b>Session 3</b>	<b>Chairmen:</b> <i>Leonid Stoimenov, Dejan Rančić</i>
15:00-16:15	Selected students' projects (FEEN)
16:15-16:30	Coffee break

<b>Session 4</b>	<b>Chairmen:</b> <i>Slobodanka Djordjević-Kajan, Emina Milovanović</i>
16:30-16:45 <b>4.1</b>	Review of Lab Manual for Parallel Computer Systems <i>E. Milovanović, V. Ćirić</i> (FEEN)
16:45-17:00 <b>4.2</b>	Lab Mannuals for System Software, Data Structures, Databases and Artificial Intelligence <i>S. Djordjević-Kajan, D. Stojanović, L. Stoimenov</i> (FEEN)
17:00-17:15 <b>4.3</b>	Web publishing of teaching material for "Microcomputer Systems" and "Data Communication" <i>M. Stojčev, G. Nikolić, T. Stanković</i> (FEEN)
17:15-17:30 <b>4.4</b>	Lab. Practicum for Internet Technology Courses <i>G. Armenski, Lj. Antovski, M. Gušev</i> (FNSMS)
	<b>Concluding remarks</b> <i>Prof. Claudio Moraga</i>