

e-learning conference '06

Computer Science Education

General Program

7th September 2006

Room José Guilherme Silva

15h00 - **Opening Ceremony**

15h30 - **Invited talk** - *National Program for Establishment of Virtual Educational Space in Bulgaria – Main Results and Forthcoming Tasks*

Ekaterina Vitkova, Angel Smrikarov, Orlin Kouzov & Galina Ivanova

16h00 - Coffee Break

16h30 - **Keynote speaker** - *From Content to Context in Technology Supported Computer Science Teaching and Learning*

António Dias de Figueiredo, University of Coimbra, Portugal

20h00 - **Conference Dinner**

8th September 2006

09h00 - **Session 1.1** – Room José Guilherme Silva
Chair: Janusz Jablonowski – Warsaw University - Poland

Mathematics and programming problem solving
Anabela Gomes, Lilian Carmo, Emilia Bigotte & António Mendes
Polytechnic Institute of Coimbra & University of Coimbra - Portugal

Learning styles and problem solving strategies
Lilian Carmo, Anabela Gomes, Francisco Pereira & António Mendes
Polytechnic Institute of Coimbra & University of Coimbra - Portugal

Face Expressions Animation in e-Learning
Peter Drahos & Martin Sperka
Slovak University of Technology – Slovak Republic

Exploiting Vision and Speech in Advanced E-learning Systems
Marco Porta
University of Pavia – Italy

Session 1.2 – Room B2
Chair: Stanley Oldfield - Open University – United Kingdom

E-Learning system to enhance local competences
Antonella Reitano & Alessandro Astorino
University of Calabria – Italy

On Generalized Evaluation of PhD Competences in Computing
Dimo Dimov, Nikoly Dokev & Petya Asenova
IIT-BAS & New Bulgarian University – Bulgaria

Women disappearing in Computer Science
Asrun Matthiasdottir
Reykjavik University – Iceland

E-Learning & E-Cheating
Karl Jones, Juliet Reid & Rebecca Bartlett
Liverpool John Moores University – United Kingdom

Session 1.3 – Room E4.7
Special Session on Web based, assessment and interpreting (part 1)
Chair – Fernand Vandamme, Bikit – Belgium

Introduction Assessti
Rita Godijns
Hogeschool Gent - Belgium

Students assessing their own interpretations
Sonia Vandepitte
Hogeschool Gent – Belgium

Assessti life demonstration
Mike Vandamme
Vartec - Belgium

10h20 - Coffee Break

10h20 - **Poster Session**

A Survey of Existing Platforms for Automation of Communication Between Phone Users

Georgi Krastev, Margarita Teodosieva, Stoyanka Smrikarova
University of Rousse – Bulgaria

A System for Multi-variant Multi-parametric WEB-based Test Control

Hristo Karailiev & Raicho Ilarionov
Technical University of Gabrovo

Knowledge management and learning in the organizational context

Albena Antonova, Elissaveta Gourova & Roumen Nikolov
Sofia University – Bulgaria

Model of a heuristic knowledge organizing system for searching and classifying structured data

Hristina Moneva & Margarita Todorova
Veliko Turnovo University – Bulgaria

Overview of Tutorial Systems based on Information Technology

Mihalca Rodica
Academy of Economic Studies – Romania

Collaborative learning through multimedia interaction

Margarita Todorova, Mariyana Nikolova & Donika Valcheva
Veliko Turnovo University – Bulgaria

Software of Multi-Session Conference Implemented in CallXML

Georgi Krastev, Margarita Teodosieva, Stoyanka Smrikarova
University of Rousse – Bulgaria

E-Learning in the Frame of the European e-Governance.

Radi Romansky & Irina Noninska
Technical University of Sofia – Bulgaria

Technologies for integration of e-learning content

Krasimira Stoilova & Todor Stoilov
Institute of Computer and Communication Systems & ICCS-BAS – Bulgaria

Workflow Technologies in e-Learning

Elena Ivanova & Todor Stoilov
ICCS-BAS – Bulgaria

11h00 - **Session 2.1** – Room José Guilherme Silva
Chair: Alexander Sudnitson – Tallinn University - Estonia

A Web-based approach to support initial algorithmic procedural programming learning
Maria J. Marcelino, Irena Tosheva, Yani Dobrodzhaliev, Anabela Gomes e António Mendes
University of Coimbra, University of Rouse & Polytechnic Institute of Coimbra – Portugal & Bulgaria

ProGuide: A Dialogue-Based Tool To Support Initial Programming Learning
Cristiana Areias & António Mendes
Polytechnic Institute of Coimbra & University of Coimbra – Portugal

Teaching Artificial Intelligence Techniques Using Multi-Agent Soccer
I. Borm & L. Rothkrantz
Delft University of Technology – Netherlands

Evaluation of programs in Informatics Contests: case of implementation of graph algorithms
Jurate Skupiene & Antanas Zilinskas
Institute of Mathematics and Informatics & Vytautas Magnus University - Lithuania

Session 2.2 – Room B2
Chair: Karl Jones - Liverpool John Moores University – United Kingdom

Interaction Concepts for Learning Objects in Codewitz
Wladimir Bodrow
University of Applied Sciences Berlin – Germany

Text analysis module of a System for Automatic eXtraction of IEarning object Features (SAXEF)
Marco Alfano, Natalia Visalli & Biagio Lenzitti
Anghelos Centre on Communication Studies & University of Palermo – Italy

Pre- and Post-Tests for Reusable Learning Objects
Wuttke Heinze-Dietrich & Henke Karsten
Technical University Ilmenau – Germany

The Influence of the Usage of e-Learning on the Students' Expectations about m-Learning
Evgeniya Georgieva, Anna Trifonova & Tsvetozar Georgiev
University of Rouse & University of Trento – Bulgaria & Italy

Session 2.3 – Room E4.7
Special Session on Web based, assessment and interpreting (part 2)
Coordination – Fernand Vandamme, Bikit – Belgium

Assessment of non typical phrases
J. Gonzalez
University of Deusto – Spain

Assessment workflow & options
Fernand Vandamme
Bikit – Belgium

Panel discussion
Software trials

12h20 – Lunch

15h00 - **Session 3.1** – Room José Guilherme Silva
Chair: Ivan Jelinek – Czech Technical University – Czech Republic

Developing Online Team Skills
Stanley Oldfield & David Morse
Open University – United Kingdom

Using Ontologies for eLearning Personalization
Paulo Gomes, Bruno Antunes, Jacinto Barbeira, Luis Rodrigues, Rafael Carvalho & Arnaldo Santos
University of Coimbra & PT Inovação – Portugal

Qualitative Evaluation of Student Participation in Distributed Learning Communities
Arnaldo Santos & Paulo Gomes
PT Inovação & University of Coimbra

Conceptual Model for Ontology-based Adaptive Assessment System
Vita Graudina & Janis Grundspenkis
Riga Technical University

Session 3.2 – Room B2
Chair: Asrun Matthiasdottir - Reykjavik University – Iceland

Evaluating e-Learning Environments: Introducing the Motivation-Hygiene Theory
James Wilson & António Moreira
Polytechnic Institute of Coimbra & University of Aveiro

An approach for Analysis and Evaluation of Virtual Learning Environments
Galina Ivanova & Angel Smrikarov
University of Rousse – Bulgaria

Evaluating Learning Support Systems Usability An Empirical Approach
Maria A. Rentróia-Bonito, Tiago Guerreiro, André Martins, Vitor Fernandes & Joaquim Jorge
INESC-ID – Portugal

Session 3.2 – Room E4.7
Chair: Wladimir Bodrow - University of Applied Sciences Berlin – Germany

Electronic Textbook and E-Learning System in Teaching Process
Jekaterina Bule & Larissa Zaitseva
Riga Technical University – Latvia

Edu.LMC: a new LMC simulation approach using LMC Paradigm
Isabel Pedrosa, Mário Rela & António Mendes
Polytechnic Institute of Coimbra & University of Coimbra – Portugal

Design of an e-Learning Content Visualization Module
Tsvetan Hristov & Evgeniya Georgieva
University of Rousse - Bulgaria

16h30 - **Closing Ceremony** – Room José Guilherme Silva