

Programme

The 12th NETTIES International Conference **NETTIES 2006**
The Future of E:
Advanced Educational Technologies for a Future e-Europe
6-9 September 2006, Timisoara, Romania

Wednesday 6 September 2006, 13:00

Electro Building Main Hall

Press Conference

Wednesday 6 September 2006, 15:30 – 18:00 (break 15 ‘)

Tutorials

Room A106

91

Best practise in developing a training course for e-learning professionals

Dr. George Dafoulas

School of Computing, Middlesex University, UK

Room A101

104

Smart Design in eLearning Interfaces

Dr. Carmen Taran

AT&T, USA

Wednesday 6 September 2006, 16:30 - 17:30

EATA Board Meeting

Wednesday 6 September 2006, 19:30

Casa Triade

Conference Reception and Opening Ceremony

Hosted by the “Politehnica” University of Timisoara and sponsored by Siemens VDO Automotive, in the house of the famous Romanian Sculptor Peter Jecza, followed by a cocktail and tasting of Recas wine.

Thursday 7 September 2006, 9:00 – 11:00

Keynote Speakers

Room A101

Chairman: Prof.dr.eng. Radu VasIU

Adaptivity Through Cognitive Modelling in Learning Systems

Dr. Kinshuk - Professor and Director

School of Computing and Information Systems, Athabasca University, Canada

Pedagogy 2.0

Dr. Jon Dron - Head of Learning Environments
University of Brighton, UK

Thursday 7 September 2006, 11:00 – 11:15

Coffee Break

Electro Building Main Hall

Thursday 7 September 2006, 11:15 – 13:30

International Master in Multimedia – special panel

Room A101

Chairman: Prof. Risto Kimari

101 Full paper

The implementation of an International Master in Multimedia – a model for a Europe wide degree

Prof. Radu Vasii, Mrs. Diana Andone

Multimedia Center, “Politehnica” University of Timisoara, Romania

107 Full paper

Implementation of e-Training Services in Lithuania in the Context of International Study Programs

Prof. Danguole Rutkauskiene, Ramunas Kubiliunas, Airina Volungeviciene, Dr. Butkeviciene

Kaunas University of Technology, Lithuania

98 Full paper

The DIMPLE (Digital Internet and Mobile Phone e-Learning Environment) - a dual device scenario

Diana Andone, Dr. Jon Dron, Dr. Lyn Pemberton

CMIS, University of Brighton, UK

108 Full paper

The Development and Implementation of e-Learning/e-Teaching Strategies at Universities and Universities of Applied Sciences

Prof. Johann Gunther

University of Applied Sciences St. Poelten, Austria

113 Full paper

SmartModels – A Framework For Generating On-Line Learning Software Solutions

Emanuel Țundrea, Philippe Lahire, D. Pescaru, C. B. Chirilă

“Politehnica” University of Timișoara

Laboratoire I3S (CNRS-UNS), Sophia-Antipolis, France

102 Full paper

Application of the Interactive Multimedia Technology in the European e-education

Dr. József Szabó, Dr. Zoltán Bártfai, Dr. Elsayed Hassan

Szent István University, Gödöllő, Hungary

73 Short paper

Ten years on: Masters degrees in Online Learning

Mr. David Evans

JME Associates Ltd, UK

Thursday 7 September 2006 13:30

Lunch at Casa Politehnicii 1

Thursday 7 September 2006, 15:00 – 16:30

Parallel Session 1

Room A101

Chairman: Dr. Graham Orange

92 Full paper

Emerging Trends in Web-Based Learning: The use of e-portfolios

Dr. George Dafoulas

School of Computing, Middlesex University, UK

112 Full paper

Webcourse and Webtutorial - New Collaborative Tools for E-learning

Prof.dr.eng.Aurel Vlaicu, Sanda Porumb, Cosmin Porumb, Bogdan Orza

Technical University of Cluj-Napoca

78 Full paper

Advanced audio and video streaming tools based on Open Source solutions: the webTV project of the University of Palermo

Dr. Marco Sajeve, Prof. Alida Lo Coco, Dr. Dario Fidora

University of Palermo, Italy

50 Short paper

Extendibility of Educational Systems to Include a Learner-Adaptive Motivational Module

Ms. Mihaela Cocea

School of Informatics, National College of Ireland, Ireland

103 Short paper

Guidelines for a future multimedia educational platform

Mr. Andrei Rusan, Mr. Mihai Onita,

Multimedia Center, "Politehnica" University of Timisoara, Romania

Thursday 7 September 2006, 15:00 – 16:30

Parallel Session 2

Room A106

Chairman: Prof.dr. Johann Guenther

105 Full paper

eLearning in the Age of Aesthetics

Dr. Carmen Taran
AT&T, USA

48 Full paper

On Evaluation for Learning Communities: A Close-grained, Actor-specific Approach

Dr. Jochen Wittmann, Mr. Simon Heß
Faculty of Informatic, University of Hamburg, Germany

106 Short paper

Evaluating the evaluators using on-line feedback questionnaires

Ms. Iasmina Ermalai, Dr. Muguras Mocofan
Multimedia Center, "Politehnica" University of Timisoara, Romania

65 Short paper

A New Multimedia Teaching Theatre for Live Distance Learning

Prof. Sergio Congiu, Prof. Federico Filira
Department of Information Engineering, University of Padova, Italy

84 Short paper

The Role of Personal Motivation and Group Motivation in the Development of Online Learning Communities

Mr. János, Ollé
Department of Didactic, Faculty of Education and Psychology, Eötvös Loránd University, Hungary

54 Short paper

Cybercells and the Development of Collaborative Teaching in Actual and Virtual Classes

Prof. Ken Stevens
Faculty of Education, Memorial University of Newfoundland, Canada

Thursday 7 September 2006, 16:30 – 16:45

Coffee Break

Electro Building Main Hall

Thursday 7 September 2006, 16:45 – 18:20

Parallel Session 3

Room A101

Chairman: Diana Andone

81 Short paper

Progressive introduction of blended e-learning in traditional classroom using rich multimedia content: the use of Podcasting to create a repertory of high quality reusable teaching files

Dr. Marco Sajeve, Prof. Antonino Di Sparti
Corso di Laurea in Lingue Moderne per il Web, Università degli Studi di Palermo Italy

47 Short paper

Automatic Construction of a Grounded Multimedia Ontology of Objects to Illustrate Concepts in a Learning Process

Mr. Adrian Popescu, Mr. Christophe Millet, Mr. Pierre - Alain Moëllic, Mr. Patrick Hède, Dr. Gregory Grefenstette
Commissariat à l'Energie Atomique, France

64 Full paper

Multichannel digital recording and playback platform for teaching theatre

Prof. Federico Filira, Dr. Alessandro Bolzonella, Giuseppe Mantesso, Prof. Michele Moro, Marco Tozzato
Department of Information Engineering, University of Padova, Italy

77 Short paper

Comparison of background subtraction methods for an interactive learning space

Dr. Thierry Bouwmans
Laboratoire L3I, University of La Rochelle, France
Ms. Doria Penciu
University of Timisoara, Romania
Ms. Fida El Baf
Universite de la Rochelle, France

83 Short paper

Evaluation of ICT adult training programs by learners

Mr. Fotis Lazarinis
Technological Educational Institute of Mesolonghi, Greece

61 Demo

Technology Health Center - Training

Mr. Pekka Silvén
School of Engineering, Oulu University of Applied Science, Finland

71 Demo

Solution for automatic assembling of online courses

Prof. Bogdan Logofatu, Ms. Alina Boboc-Corcotoi, Mr. Luca Boboc-Corcotoi
ODL Department-CREDIS, University of Bucharest, Romania

Thursday 7 September 2006, 16:45 – 18:20

Parallel Session 4

Room A106

Chairman: Prof.dr.eng. Aurel Vlaicu

114 Full paper

Evaluation test of a mesh simplification method

Marc Chevaldonné, Frédéric Mérienne,
LE2I, Institut Image – ENSAM, France

94 Short paper

Live multimedia streaming application in a web-based presentation

Mr. Bucos Marian, Mr Scorosanu Alin, Mr. Onita Mihai, Mr. Bejenaru Ciprian
Multimedia Center, "Politehnica" University of Timisoara, Romania

110 Full paper

An Ontology-based Web Portal to Support Continuous, Adaptable, Rigorous, Reflective and Sustainable Evaluation of eGovernment Systems (CARRSE)

Ah Lian Kor, Graham Orange, Alan Burke

Leeds Metropolitan University

52 Short paper

Modular sensor network design as a student project

Mr. Timo Löhönen, Mr. Pekka Kähkölä

Institute of Technology, Oulu University of Applied Sciences, Finland

95 Short paper

SVG Mapping System

Mr. Constantin Marian Bucos, Mr. Daniel Haiduc

Multimedia Center, *"Politehnica" University of Timisoara, Romania*

55 Short paper

Mobile Learning Devices in the Laboratory

Mr. Leo Ilkko

Raahe School of Engineering and Business, Oulu University of Applied Sciences, Finland

Thursday 7 September 2006, 19:00

Conference Dinner

Restaurant Politehnica, Student Campus

Hosted in the Student Campus and sponsored by MAHLE Componente de Motor followed by Timisoreana beer tasting, offered by Ursus Breweries.

Friday 8 September 2006, 9:00 – 10:45

Keynote Speakers

Room A101

Chairman: Prof.dr. Kinshuk

E-learning in Romania

Prof.dr.eng. Radu VasIU, Prof.dr.eng. Nicolae Robu

"Politehnica" University of Timisoara, Romania

From Dull Services to Engaging Experiences

Dr. Carmen Taran

Research and Development, AT&T, USA

Alcatel University

Dan Bedros,

CEO & General manager, Alcatel Romania

Friday 8 September 2006, 10:45 – 11:00

Coffee Break

Electro Building Main Hall

Friday 8 September 2006, 11:00 – 12:45

Keynote Speakers

Room A101

Chairman: Prof.dr.eng. Nicolae Robu

**People Are the Key For Our Success –
People Development @ Siemens VDO Romania**

Dr. Jörg Stratmann
*CEO and General Manager
Siemens VDO Automotive SRL, Romania*

E-Learning at MAHLE Componente de Motor SRL

Carlo Fromm
*Projects Zentral- and Eastern Europe (LCP)
MAHLE Componente de Motor SRL, Romania*

Crossing the Fences - Oracle Learning and Development Solution

Smaranda Suci, Principal Consultant
Oracle Romania

Friday 8 September 2006, 12:45 – 14:30

Lunch at Casa Politehnicii 1

Friday 8 September 2006, 14:30 – 16:15

Parallel Session 5

Room A101

Chairman: Dr. Carmen Taran

45 Full paper

Collaborative Learning in Change Management

Mrs. Katarzyna Grzybowska
Institute of Management Engineering, Poznan University of Technology, Poland

109 Full paper

The Potential of Design Patterns for Vocational Teacher Education in Finland

Lauri Kurkela
School of Vocational Teacher Education, Oulu University of Applied Sciences, Finland

49 Full paper

A generic tracking protocol component for E-Learning environments

Mr. Simon Hess, Dr. Jochen Wittmann
Informatics, University of Hamburg, Germany

96 Full paper

**Innovative E-learning Solutions – “Password” of Cee Region for Entering the
European Higher Education Space**

Dr. Mária KOCSIS BAÁN

University of Miskolc, North Hungarian Regional Distance Education Centre, Hungary

75 Short paper

Is Outsourcing Suitable for Education? E-ducation – Virtual University System

Dr. Alena Ilavská, Dr. Jozef Babiak

Technical University in Zvolen, Slovakia

62 Short paper

The Use of Technology Based Learning in the Maltese ICT Sector

Mr. Simon Caruana

University of Malta, Malta

Friday 8 September 2006, 14:30 – 16:15

Parallel Session 6

Room A106

Chairman: Prof.dr. Danguole Rutkauskiene

111 Full paper

Use of Multimedia and Hypermedia in On-line Courses for Engineering

Laura Grindei, Prof.dr.eng. Aurel Vlaicu, Bogdan Orza, Vasile Topa, Calin Munteanu

Technical University of Cluj-Napoca, Romania

76 Full paper

Integration of E-learning in Higher Education in Hungary

Ms. Andrea Ficsura, Dr. Maria Kocsis Baan

North Hungarian Regional Distance Educational Centre, University of Miskolc, Hungary

56 Short paper

UpgradING – A Modular Course for Lifelong-Learning in Rural Regions: Concept, Implementation and Experiences

Mr. Peter Schentler, Mr. Jörg Schweiger, Dr. Jutta Pauschenwein

Department of Industrial Management, FH JOANNEUM University of Applied Sciences, Germany

59 Short paper

Towards transnational virtual study circles: an introduction to the E-report project

The E-report research group, University of Palermo

Università degli Studi di Palermo, University of Salzburg, Studien und Management

Center Saalfelden GmbH, Confederación Empresarial de la Provincia de Alicante,

EUREKA - Training Centre in Palermo, Universitatea Politehnica din Timisoara,

Departamentul de Educatie Permanenta Timisoara, Höskolan på Gotland, Karolinska

Institutet

79 Short paper

Computer-Based Math Lessons Design for Preschool Children

Dr. Zuhail Tanrikulu

Bogazici University, Turkey

70

Designing efficient e-learning solutions

Prof. Bogdan Logofatu, Ms. Alina Boboc-Corcotoi, Mr. Luca Boboc-Corcotoi
ODL Department-CREDIS, University of Bucharest, Romania

Friday 8 September 2006, 16:15 – 16:30

Coffee Break

Electro Building Main Hall

Friday 8 September 2006 16:30 – 17:30

Parallel Session 7

Room A101

Chairman: Prof.dr. Maria Kocsis Baan

82 Full paper

Analysing e-Maturity of a Computer Science e-Learning Program

Mrs. Lynette Nagel

Department of Curriculum Studies, University of Pretoria, Pretoria, South Africa

Dr. Jarkko Suhonen

Department of Computer Science, University of Joensuu, Joensuu, Finland

Prof. Erkki Sutinen

Department of Computer Science, University of Joensuu, Joensuu, Finland

99 Full paper

Evaluation of the METOIM web-tool – testing competences online

Mrs. Diana Andone, Prof. Radu Vasiu, Mr. Marian Bucos

Multimedia Center, "Politehnica" University of Timisoara, Romania

89 Short paper

Collaborative Learning in Face-to-Face and Computer- Supported University Contexts

Dr. Marcella Cuddetta, Dr. Cristian Inguglia, Prof. Alida Lo Coco, Prof. Paolo Renzi

Università di Roma La Sapienza, Dipartimento dei Processi di Sviluppo e Socializzazione, Università degli Studi di Palermo, Dipartimento di Psicologia, Italy

57 Demo

Improving Education by Intensive Cooperation with IT Companies

Ms. Kaisa Korpela

School of Engineering, Oulu University of Applied Sciences, Finland

Friday 8 September 2006 16:30 – 17:30

Parallel Session 8

Room A106

Chairman: Lauri Kurkela

100 Full paper

Testing the e-tasters

Mrs. Diana Andone, Prof. Radu Vasiu, Mr. Mihai Onita, Ms. Iasmina Ermalai

Multimedia Center, "Politehnica" University of Timisoara, Romania

72 Short paper

Video Object Segmentation and Tracking using Kernel Density Estimation and Region Merging

Prof.dr.eng. Vasile Gui, Mrs. Daniela Fuiorea, Prof.dr.eng Corneliu Toma, Dr. Florin Alexa

Faculty of Electronics and Telecommunications, "Politehnica" University of Timisoara, Romania

69 Short paper

e-Learning for anaesthesia and ICU departments

Dr. Marco Sajeve

Linguistic Philology, University of Palermo, Italy

Dr. Vincenzo Lanza

Buccheri La Ferla Fatebenefratelli Hospital, Department of Anaest, Italy

68 Short paper

Managing a virtual classroom

Prof. Michaela Logofatu, Ms. Anișoara Dumitrache, Ms. Anca Mateias, Ms. Mihaela Gheorghe, Ms. Alina Munteanu

ODL Department, University of Bucharest, Bucharest, Romania

Friday 8 September 2006, 16:30 - 17:30

EATA General Assembly

Friday 8 September 2006, 18:15

Traditional Romanian Dinner & Closing Ceremony

Casa Altringen

A Traditional Romanian Dinner will take place at Casa Altringen in the beautiful Banat countryside. Casa Altringen is built in the typical style of a Banat house in a quiet, rural area. Traditional Romanian food will be served in the open air, weather permitting and entertainment will be offered by the Doina Timisului Student Folklore Ensemble.

Saturday 9 September 2006, 12:30 – 16:00

Timisoara city Tour

Accompanied by a guide (professor at "Politehnica" University of Timisoara) you will discover the history of the city, the beautiful baroque buildings and churches and the Village Museum. Lunch will be served before departure at Hotel Savoy.