

Section

MODELS & METHODOLOGIES

- Innovative Teaching and Learning Technologies
- Web-based Methods and Tools in Traditional, Online Education and Training
- Collaborative E-Learning, E-Pedagogy,
- Design and Development of Online Courseware
- Information and Knowledge Processing
- Knowledge Representation and Ontologism
- Cognitive Modelling and Intelligent systems
- Algorithms and Programming for Modelling

Contents

MODELS & METHODOLOGIES

No	Paper and Authors	Page
1.	Web 3D & Virtual Reality - Based Applications for Simulation and e-Learning Felix G. HAMZA -LUP, Veronica STEFAN	71
2.	n-D Virtual Environment in Construction Education Mohammed E. Haque	81
3.	A Dynamic Programming Approach to Identify Shortest Path in Virtual learning Environment Hamed Fazlollahtabar	89
4.	A rules based on context methodology to build the pedagogical resources Gabriela Moise	97
5.	Case Studies in the UK Knowledge Transfer Partnership Programme Laurence Legg, Philip Holifield, Mircea Galis	105
6.	Education in Manufacturing Engineering by 3D Interactive Virtual Models Mircea Galis, Laurence Legg	113
7.	Learning from Nature: Natural Computing Meets Virtual Learning Zhengxin Chen	117
8.	The integration of the database with Microsoft. NET Framework Simona Marilena Ilie	125
9.	Tools designed to ensure quality of educational programs at ODL Department of Bucharest University Michaela Logofătu, Anișoara Dumitrache, Mihaela Gheorghe	133
10.	E-manager – A New Professional Profile in Tourism Landscape Andrei Dumitrescu, Tom Savu	141

11.	Exploring the concept of identity and meaning-making in the space between virtual and real worlds Simon Paul Atkinson	147
12.	Attitude of VET Trainers towards Virtual Training in Turkey and Romania SAHİN Mehmet, MIHAI Aura	155
13.	WEB-BASED LEARNING IN MECHANICAL DESIGN Süleyman Yıldız, Süleyman Neşeli	163
14.	Improvements In The Learning Reached With The Use Of The New Methodologies And Technologies At Qualifications By E-Learning Fabricia Ferreira de Souza, Lucia Regina H. R. Franco	171
15.	E-learning multimedia applications: Towards an engineering of content creation María Dolores Afonso Suárez, Cayetano Guerra Artal, Fco Mario Tejera Hernández	179
16.	E-Learning Indicators: A Multidimensional Model for Evaluating and Planning E-Learning Solutions Bekim Fetaji, Majlinda Fetaji	187
17.	Measuring e-learning effectiveness through e-content and attention correlation Bekim Fetaji, Nada Pop-Jordanova, Jordan Pop-Jordanov, Tatiana Zorcec, Silvana Markovska	197
18.	Innovative teaching and learning technologies used in pre-university system Liliana Violeta Constantin, Livia Dinica	211
19.	E-Learning and E-Pedagogy in now days Liliana Violeta Constantin, Ovidiu Florin Caltun	219
20.	Web-based learning methods and online education Liliana Violeta Constantin	227
21.	Educational Technology and the Problem of the Design of the Electronic Textbooks Elena Răilean	235
22.	Alternative Ways to Approach Math Tamaş Carmen Daniela	243