

# Curriculum Vitae Europass



## Personal information

First name(s) / Surname(s)

Address(es)

Fax(es)

E-mail

Web page

Nationality

Date of birth

**Radu Adrian VASIU**

[radu.vasiu@cm.upt.ro](mailto:radu.vasiu@cm.upt.ro), [radu.vasiu@upt.ro](mailto:radu.vasiu@upt.ro)

<http://www.cm.upt.ro/staff/raduvasiu>

Romanian

## Work experience

Dates **Febr. 2016 – present**

Occupation or position held

**President of the Politehnica University of Timisoara Senate**

Main activities and responsibilities

Responsible for the legislative, decision and debates in the university

Name and address of employer

Politehnica University of Timisoara, Pta. Victoriei, nr. 2, 300006 Timisoara

Type of business or sector

Higher education, Scientific research

Dates **2012 – 2016**

Occupation or position held

**President of the Research Committee of the Politehnica University of Timisoara Senate**

Main activities and responsibilities

Responsible for the research strategy and policies of the university

Name and address of employer

Politehnica University of Timisoara, Pta. Victoriei, nr. 2, 300006 Timisoara

Type of business or sector

Higher education, Scientific research

Dates **2012 – present**

Occupation or position held

**Member of the National Council for Attesting Titles, Diplomas and University Certificates (CNATDCU)**

Main activities and responsibilities

Member of the Commission for Electronics, telecommunications and nanotechnologies

Name and address of employer

Romanian Ministry of National Education and scientific Research, Bucharest

Type of business or sector

Higher education, Scientific research

Dates **2005 – present**

Occupation or position held

**PhD supervisor in the field of Electronics and Telecommunications**

Main activities and responsibilities

Supervising PhD students – 10 PhD thesis certified

Name and address of employer

Politehnica University of Timisoara, Pta. Victoriei, nr. 2, 300006 Timisoara

Type of business or sector

Research, higher education

Dates **2004 – 2012**

Occupation or position held

**Scientific Secretary of the “Politehnica” University of Timisoara**

Main activities and responsibilities

Responsible for the research and International Relations of the university

Name and address of employer

“Politehnica” University of Timisoara, Rectorate, Pta. Victoriei, nr. 2, 300006 Timisoara

Type of business or sector

Higher education, Scientific Research

Dates	<b>2003 – present</b>
Occupation or position held	<b>Director of the Multimedia Research Center</b>
Main activities and responsibilities	Research responsible, research management, research, development national and international projects
Name and address of employer	"Politehnica" University of Timisoara, Pta. Victoriei, nr. 2, 300006 Timisoara
Type of business or sector	Higher education, Scientific research
Dates	<b>2002 – present</b>
Occupation or position held	<b>Professor, Department of Communications</b>
Main activities and responsibilities	Teaching in higher education, training, research, project management Interest areas: multimedia, audio-video signal processing, electronic equipment testing, e-learning, big data and open data, Smart city, mobile applications Responsible for distance education European projects coordination Courses (undergraduate and Master level): Management of Research and Design activities, Advanced Multimedia Technologies, Interactivity and Usability, Instructional Technologies, Web Technologies, Electronic Equipment Testing, Audio-video Compression
Name and address of employer	"Politehnica" University of Timisoara, Faculty of Electronics and Telecommunications Bul. Vasile Parvan, nr. 2, 300223 Timisoara
Type of business or sector	Higher education
Dates	<b>2005 - 2011</b>
Occupation or position held	<b>ARACIS evaluator</b>
Main activities and responsibilities	Evaluation of higher education degree programs in Electronics
Name and address of employer	ARACIS – Romanian Agency for Quality Assurance in Higher Education
Type of business or sector	Higher education quality assurance
Dates	<b>1999 – 2002</b>
Occupation or position held	<b>Assistant professor, Department of Communications</b>
Main activities and responsibilities	Teaching in higher education, training, research, project management, responsible for distance education, European projects coordination
Name and address of employer	"Politehnica" University of Timisoara, Faculty of Electronics and Telecommunications Bul. Vasile Parvan, nr. 2, 300223 Timisoara
Type of business or sector	Higher education
Dates	<b>1990 – 1999</b>
Occupation or position held	<b>Lecturer, Department of Communications</b>
Main activities and responsibilities	Teaching in higher education, training, research, project management
Name and address of employer	"Politehnica" University of Timisoara, Faculty of Electronics and Telecommunications Bul. Vasile Parvan, nr. 2, 300223 Timisoara
Type of business or sector	Higher education
Dates	<b>1987 – 1990</b>
Occupation or position held	<b>Assistant</b>
Main activities and responsibilities	Teaching, training, areas: television, electronic devices and circuits, analogue electronics
Name and address of employer	Politechnical Institute "Traian Vuia" of Timisoara, Faculty of Electrical Engineering Bul. Vasile Parvan, nr. 2, 300223 Timisoara, Romania
Type of business or sector	Higher education
Dates	<b>1986 – 1987</b>
Occupation or position held	<b>Researcher</b>
Main activities and responsibilities	Research and design, project management, in the field of automation, system testing and fault tolerant computing

Name and address of employer	National Institute of Scientific Research in Automation, Bucharest, Timisoara Subsidiary Bul. Republicii, nr. 9, Timisoara
Type of business or sector	Research & development
Dates	<b>1984 – 1986</b>
Occupation or position held	<b>Researcher</b>
Main activities and responsibilities	Research and design, technological development in the field of optical tracking automated cutting machines, oxyacetylene, plasma and gas
Name and address of employer	Welding and Material Testing Research Institute Timisoara Bul. Mihai Viteazu, nr. 12, Timisoara
Type of business or sector	Research & development
Dates	<b>1982 – 1984</b>
Occupation or position held	<b>Engineer</b>
Main activities and responsibilities	Electrical installations and radio-communication equipment design
Name and address of employer	Navy Enterprise Drobeta Turnu-Severin, Romania
Type of business or sector	Navy building industry
<b>Education</b>	
Dates	1991 – 1998
Title of qualification awarded	<b>PhD in the field of Electronics and Telecommunications</b>
Principal subjects/occupational skills covered	<b>Research in the field of digital image compression</b> <b>Thesis: Study of the Compression Methods Used in Digital Image Processing and Transmission</b>
Name and type of organisation providing education and training	"Politehnica" University of Timisoara, Romania, with research stages at the University of Central Lancashire, UK Higher education institute
Level in national or international classification	<b>PhD degree</b>
Dates	1977 – 1982
Title of qualification awarded	<b>Engineering Diploma, Honors Award (general and graduation grades:10)</b>
Principal subjects/occupational skills covered	Electronics and Telecommunications
Name and type of organisation providing education and training	Polytechnical Institute "Traian Vuia" from Timisoara University, Higher education
Level in national or international classification	<b>Bachelor + Master degree</b>
<b>Training</b>	
Dates	<b>1998 – 1999</b>
Training program	<b>Online course LOLA (Learning about Open Learning), postuniversity course</b>
Name and type of organisation providing training	"Herriot-Watt" University, Edinburgh, Scotland, UK
Dates	<b>March – June 2010</b>
Training program	<b>Quality Assurance for Distance Education</b>
Name and type of organisation providing training	ARACIS – Romanian Agency for Quality Assurance in Higher Education
Dates	<b>February – November 2010</b>
Training program	<b>University management – modules: "Research Management" and "Management of Tertiary Activities"</b>

Name and type of organisation providing training	UEFISCDI – Unitatea Executiva pentru Finantarea Invatamantului Superior, a Cercetarii, Dezvoltarii si Inovarii																												
<b>Membership to national / international professional associations</b>	<p>Member of:</p> <ul style="list-style-type: none"> <li>• IEEE Communications Society si IEEE Computer Society</li> <li>• European Distance and E-learning Network (EDEN)</li> <li>• European Association for Telematics Applications (EATA) – president 2008-2013</li> <li>• International Association for e-Science – president since 2013</li> <li>• International Association of Science and Technology Engineers for Development (IASTED)</li> <li>• European Portal for Advanced Collaboration in E-learning (EuroPACE)</li> <li>• International Association for the Development of the Information Society (IADIS)</li> <li>• Association for the Advancement of Computing in Education (AACE)</li> <li>• Association of Electronic Engineers Timisoara</li> <li>• European Integration Commision of the Romanian Academy, Timisoara Branch</li> </ul>																												
<b>Other language(s)</b>	<table border="1"> <thead> <tr> <th colspan="2">Understanding</th> <th colspan="2">Speaking</th> <th colspan="2">Writing</th> </tr> <tr> <th colspan="2">Listening</th> <th colspan="2">Reading</th> <th colspan="2">Spoken interaction</th> <th colspan="2">Spoken production</th> </tr> </thead> <tbody> <tr> <td>English</td> <td>C2</td> <td>C2</td> <td>C2</td> <td>C2</td> <td>C2</td> <td>C2</td> </tr> <tr> <td>French</td> <td>C2</td> <td>C2</td> <td>C1</td> <td>B2</td> <td>B1</td> <td></td> </tr> </tbody> </table>	Understanding		Speaking		Writing		Listening		Reading		Spoken interaction		Spoken production		English	C2	C2	C2	C2	C2	C2	French	C2	C2	C1	B2	B1	
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Listening		Reading		Spoken interaction		Spoken production																							
English	C2	C2	C2	C2	C2	C2																							
French	C2	C2	C1	B2	B1																								
	(*) Common European Framework of Reference for Languages																												
<b>Professional exchanges</b>	<p><b>Invited professor (for periods from 2 weeks to 6 months):</b></p> <ul style="list-style-type: none"> <li>➢ University of Central Lancashire, Preston, UK, 1993, 1997, 1998, 2000, 2001, 2003 (Digital Television, Media Technology)</li> <li>➢ Oulu Polytechnic, Finland, 2000, 2003, 2005, 2009, 2011 (Multimedia Authoring for WWW, Mobile Internet Learning Environment)</li> <li>➢ University of Nice, France, 2001, 2002, 2006 (Techniques Multimedia)</li> <li>➢ Technological Institute of Piraeus, Greece, 2002, 2003 (Telematics Management, Multimedia Signal Processing)</li> <li>➢ Universite de La Rochelle, France, 2005, 2007 (Audio-Video Compression, Techniques Multimedia)</li> <li>➢ Universita degli Studi di Palermo, Italy, 2006, 2007, 2008, 2009, 2010, 2015 (Media Studies, Advanced Multimedia ICT Tools for Automatic Translation, Smart Cities and Mobile Communications)</li> <li>➢ University of Brighton, UK, 2006, 2007, 2008, 2009, 2011, 2012 (Media Technology, Interactive Technologies)</li> <li>➢ University of Applied Sciences St. Poelten, Austria, 2008, 2012, 2013 (Digital Television, Digital Media Technologies)</li> <li>➢ Aristotle University Salonic, Greece, 2008 (Digital Television)</li> <li>➢ University of Applied Sciences Vienna, Austria, 2009 (Research Methodologies)</li> <li>➢ University of Applied Sciences Salzburg, Austria, 2010, 2011 (Research Methodologies)</li> <li>➢ Bonch-Bruevich St-Petersburg State University of Telecommunications, Russia, 2013 (Green IT)</li> </ul>																												
<b>Editorial Activity</b>	<p><b>Member of international journals boards</b></p> <ul style="list-style-type: none"> <li>➢ Executive Peer-Reviewer for <i>Journal of Educational Technology &amp; Society</i>, ISSN 1176-3647, e-ISSN 1436-4522, jurnal ISI (2007 – present)</li> <li>➢ Editorial Board Member for <i>International Journal of Cyber Ethics in Education (IJCEE)</i>, ISSN 2155-6903, e-ISSN 2155-6911 (2009 – present)</li> <li>➢ Technical Program Committee Member for <i>International Journal of Computing and Digital Systems</i>, ISSN 2210-142X, in 2015</li> <li>➢ Guest Editor newsletter <i>IEEE Learning Technology</i>, January 2007</li> <li>➢ Member of the Editorial Board of the <i>Scientific Bulletin of UPT, Transactions on Electronics and Communications</i>, ISSN 1583-3380, (2007 – present)</li> <li>➢ Member of the Editorial Board of <i>Acta Technica Napocensis, Transactions on Electronics and Telecommunications</i>, ISSN 1221-6542, (2005 – present)</li> <li>➢ Reviewer for CRC Press, for the book <i>Advanced Topics in Wireless Multimedia Communication</i>, authors K. R. Rao, Z. Bojkovic, B. M. Bakmaz, in 2012</li> </ul>																												

<b>Editorial Activity</b>	<p><b>Editor of International Conference Proceedings</b></p> <ul style="list-style-type: none"> <li>➤ Kinshuk, Sampson, Spector, Isaias, Ifenthaler, Radu Vasiu (Editors): <i>Proceedings of the IADIS International Conference CELDA 2010 Cognition and Exploratory Learning in the Digital Age</i>, IADIS Press, 2010, 316 pages, ISBN 978-972-8939-28-1</li> <li>➤ Weghorn, Isaias, Radu Vasiu (Editors): <i>Proceedings of the IADIS International Conference on Applied Computing 2010</i>, IADIS Press, 2010, 296 pages, ISBN 978-972-8939-30-4</li> </ul> <p><b>Member of the technical program or reviewer boards for international conferences</b></p> <ul style="list-style-type: none"> <li>➤ Reviewer Board Member for <i>2nd International Conference on Communication and Computer Engineering - ICOCOE 2015</i>, Phuket, Thailand, June 2015</li> <li>➤ Reviewer Board Member for <i>International Conference on Business, Management, Tourism and Hospitality - BIZMATOUR 2015</i>, Melaka, Malaysia, May 2015</li> <li>➤ Reviewer Board Member for <i>3rd IEEE International Black Sea Conference on Communications and Networking - IEEE BlackSeaCom 2015</i>, Constanta, May 2015</li> <li>➤ Reviewer Board Member for <i>IEEE International Conference on Teaching, Assessment and Learning for Engineering TALE 2014</i>, Wellington, New Zealand, Dec. 2014</li> <li>➤ Reviewer Board Member for <i>Advancement in Information Technology International Conference ADVCIT 2014</i>, Bandung, Indonesia, Dec. 2014</li> <li>➤ Reviewer Board Member for <i>IEEE International Conference on Computer, Communication and Control Technology - I4CT</i>, Malaysia, (2014 – present)</li> <li>➤ Reviewer Board Member for <i>IEEE International Symposium on Research of Arts, Design and Humanities - ISRADH 2014</i>, Kota Kinabalu, Malaysia, Sept. 2014</li> <li>➤ Reviewer Board Member for <i>International Conference on Intelligent Autonomous Agents, Networks and Systems - INAGENTSYS 2014</i>, Bandung, Indonesia, Sept. 2014</li> <li>➤ Review Board Member for <i>2014 International Workshop on Mobile Applications</i>, Barcelona, Spain, Aug. 2014</li> <li>➤ Reviewer Board Member for <i>International Conference on Technology, Informatics, Management, Engineering &amp; Environment TIME-E</i>, Indonesia, (2014 – present)</li> <li>➤ Reviewer Board Member for <i>International Conference on Information and Communication Technology - ICoICT</i>, Indonesia-Malaysia, (2014 – present)</li> <li>➤ Reviewer Board Member for <i>International Colloquium of Art and Design Education Research i-CADER</i>, Indonesia-Malaysia, (2014 – present)</li> <li>➤ Reviewer Board Member for <i>1st International Conference on Electronic Publishing and Information Technology - ICEPIT 2014</i>, Bahrain, Mart. 2014</li> <li>➤ Reviewer Board Member for <i>International Symposium on Signal Processing and Intelligent Recognition Systems - SIRS 2014</i>, Thiruvananthapuram, India, Mart. 2014</li> <li>➤ Reviewer Board Member for <i>IEEE Global Engineering Education Conference - EDUCON</i> (2013 – present)</li> <li>➤ Reviewer Board Member for <i>International Conference on Computers in Education – ICCE</i> (2013 – present)</li> <li>➤ Editorial Reviewer Board for <i>IEEE Colloquium on Humanities, Science and Engineering - CHUSER</i>, Kota Kinabalu, Sabah, Malaysia, (2012 – present)</li> <li>➤ Reviewer Board Member for <i>2012 IEEE International Conference on Power and Energy - PECON 2012</i>, Kota Kinabalu, Malaysia, Dec. 2012</li> <li>➤ Reviewer Board Member for <i>IEEE Symposium on Business, Engineering and Industrial Applications ISBEIA 2012</i>, Bandung, Indonesia, Sept. 2012</li> <li>➤ Reviewer Board Member for <i>2012 IEEE Symposium on Industrial Electronics &amp; Applications ISIEA 2012</i>, Bandung, Indonesia, Sept. 2012</li> <li>➤ Reviewer Board Member for <i>IEEE International Conference on Teaching, Assessment and Learning for Engineering TALE 2012</i>, Hong Kong, Aug. 2012</li> <li>➤ Reviewer Board Member for <i>International Conference on Education, Training and Informatics (ICETI)</i>, Orlando, Florida, SUA, (2010 – present)</li> <li>➤ Reviewer Board Member for <i>International Conference on Education and Information Systems, Technologies and Applications (EISTA)</i>, Orlando, Florida, SUA, (2010 – present)</li> <li>➤ Reviewer Board Member for <i>International Symposium on Science 2 and Expansion of Science (S2ES)</i>, Orlando, Florida, SUA, (2010 – present)</li> <li>➤ Reviewer Board Member for <i>World Multi-Conference on Systemics, Cybernetics and Informatics (WMSCI)</i>, Orlando, Florida, SUA, (2009 – present)</li> <li>➤ Review Board Member for <i>International Conference on Information and Software Technologies</i>, Kaunas, Lituania (2004 – present)</li> </ul>
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Editorial Activity	<p><b>Chairman, Co-Chair, member Program Committee for international conferences or symposiums</b></p> <ul style="list-style-type: none"> <li>➤ Co-Chair for NETTIES 2015 (<i>Networking Entities: Open Data and Big Data – The Impact on Digital Society and Smart Cities</i>, organized by IAFeS – International Association for e-Science, Tenerife, Spain, 5-8 March 2015)</li> <li>➤ Co-organizer of the Summer University St. Petersburg 2013, Bonch-Bruevich Saint-Petersburg State University of Telecommunications, 30 June - 12 July 2013</li> <li>➤ Program Committee Member for the <i>Conference on Technology for Education (T4E)</i>, India (2012-present)</li> <li>➤ Program Committee Member for the <i>11<sup>th</sup> International Conference on Web-based Learning ICWL2012</i>, Sinaia, Sept. 2012</li> <li>➤ Program Committee Member for the <i>13<sup>th</sup> IEEE International Conference on Computational Science and Engineering (CSE 2010)</i>, 11-13 Dec. 2010, Hong-Kong SAR, China</li> <li>➤ Program Committee Member for the <i>International Conference "E-Education: Science, Study and Business"</i>, 24-25 Nov. 2010, Vilnius, Lithuania</li> <li>➤ Program Committee Member for the <i>International Conference on Information and Software Technologies</i>, Kaunas, Lithuania (2008 – present)</li> <li>➤ Co-organizer of the Summer Courses <i>Computer Aided Translation – Localization, Internationalisation and Globalization</i>, Palermo, Sept 2008, 2009, 2010 and 2011, in cooperation with Universita degli Studi di Palermo</li> <li>➤ Program Committee Member and Organizing Committee Member for <i>IADIS International Conference on Cognition and Exploratory Learning in Digital Age (CELDA)</i>, (2005 – present)</li> <li>➤ Co-chair for the <i>International Conference on Applied Computing 2010</i>, Timisoara, 14-16 October 2010, organized in cooperation with IADIS – International Association for the Development of Information Society</li> <li>➤ Co-Chair for <i>SynEnergy Forum (S.E.F.)</i>, the Conference for International Synergy in Energy, Environment, Tourism and Information Technology, Spetses, Greece, 28-31 May 2008;</li> <li>➤ Co-Chair for NETTIES 2006 (<i>Networking Entities: The Future of E: Advanced Educational Technologies for a Future e-Europe</i>, 12<sup>th</sup> EATA – European Association for Telematics Applications International Conference, 6-9 Sept. 2006, Timisoara, Romania</li> <li>➤ Chair for <i>Lifelong Learning and Distance Education in the Information Society</i>, intensive course, 7-12 August 2000, Newton Rigg Campus, UK;</li> <li>➤ Chair for <i>New Approaches to Education &amp; Training for Industry</i>, international conference, 13-15 Sept. 1999, Timisoara, Romania;</li> <li>➤ Chair for <i>Telematics Applications within Distance Education</i>, intensive course, 24-29 May 1999, Athens – Halkis, Euboea, Greece;</li> <li>➤ Chair for <i>Information Society and the Media</i>, international conference, 10-15 Nov. 1997, Timisoara</li> </ul>
Editorial Activity	<p><b>Publications</b></p> <ul style="list-style-type: none"> <li>- Author/coauthor of 14 books published by national publishing houses, editor of 2 conference proceedings volumes published by international publishing houses and 1 by a national publishing house, 15 book chapters published by international publishing houses and 3 by national publishing houses, 5 student books, over 130 research papers published in different international journals and conference proceedings.</li> <li>- The list of the more recent ones is presented in <b>Annex 1</b>.</li> </ul>
Research activity	<p><b>Research-development-innovation contracts</b></p> <ul style="list-style-type: none"> <li>➤ Director / coordinator for Romania in 20 international projects, financed by the European Commission, in value of over 2,160,000 Euro and member of the implementation team for other 10 projects.</li> <li>➤ Director of 3 national research-development projects and member of the implementation team for other 4 projects.</li> <li>➤ Coordinator of 3 projects financed from European Structural Funds and member of the implementation team of other 5 projects.</li> </ul>
	<p>The list of the most important ones is presented in <b>Annex 2</b>.</p>
PhD Research	<ul style="list-style-type: none"> <li>➤ Coordonator a 10 doctoranzi in stagiu</li> <li>➤ 10 doctoranzi cu teza finalizata si sustinuta</li> </ul>
Annexes	<p>Participant in 34 comisii de doctorat</p>
	<p><b>Annex 1: Publication list</b></p>
	<p><b>Annex 2. Research projects</b></p>

Timisoara, January 2016

## ANNEX 1 – PUBLICATION LIST

Prof.dr.ing. RADU ADRIAN VASIU

Author/coauthor of 14 books published by national publishing houses, editor of 2 conference proceedings volumes published by international publishing houses and 1 by a national publishing house, 15 book chapters published by international publishing houses and 3 by national publishing houses, 5 student books, over 130 research papers published in different international journals and conference proceedings. The most recent ones are as follows:

- Mihai Onita, Sorin Petan, Radu Vasiu, *Review of Interactive Video - Romanian Project Proposal*, International Education Studies (IES) Journal, ISSN 1913-9020, e-ISSN 1913-9039, vol. 9, no. 3, march 2016, 16 pages (acceptata spre publicare)
- Diana Andone, Radu Vasiu, *MOOCs in Higher Education - Flipped Classroom or A New Smart Learning Model?*, pp. 303-307, chapter in "State-of-the-Art and Future Directions of Smart Learning" (eds. Yanyan Li, Maiga Chang, Milos Kravcik, Elvira Popescu, Ronghuai Huang, Kinshuk, Nian-Shing Chen), series Lecture Notes in Educational Technology, series ISSN 2196-4963, doi: 10.1007/978-981-287-868-7\_37, ISBN 978-981-287-866-3, e-ISBN 978-981-287-868-7, Springer Singapore, 2016, 503 pag.
- Radu Vasiu, *Development of Smart City Applications Based on Open Data*, pp. 45-66, chapter in "Open Data and Big Data - The Impact on Digital Society and Smart Cities", IAFES Publications, Vienna, 2015, ISBN 978-3-9503983-1-1, 317 pag.
- Andrei Ternauciuc, Radu Vasiu, *Integrated Usability Testing*, TEM Journal of Technology, Education, Management, Informatics, ISSN 2217-8309, e-ISSN 2217-8333, Vol. 4, No. 4, November 2015, pp. 388-395
- Renate Simion, Radu Vasiu, Diana Andone, *The Impact of Image Based Web Technologies in Educational Communication*, 10th International Conference on Virtual Learning, ICVL 2015, 31 October 2015, Timisoara, Romania, ISSN 1844-8933, pp. 308-314
- Vlad Mihaescu, Radu Vasiu, *Teachers' Perspective into Higher Education and MOOCs in Romania*, 10th International Conference on Virtual Learning, ICVL 2015, 31 October 2015, Timisoara, Romania, ISSN 1844-8933, pp. 393-398
- Diana Andone, Vlad Mihaescu, Radu Vasiu, *Using MOOCs within Traditional Courses: Students' Perspective*, Proceedings of E-Learn 2015: World Conference on E-Learning in Corporate, Government, Healthcare and Higher Education 2015, Kona, Hawaii, 19-22 October 2015, ISBN 978-1-939797-20-9, pp. 256-262
- Diana Andone, Radu Vasiu, *MOOCs in Higher Education - Flipped Clasroom or a New Smart Learning Model?*, 2nd International Conference on Smart Learning Environments ICSLE 2015, September 23-25, 2015, Sinaia, Romania, pp. 303-307
- Andrei Ternauciuc, Radu Vasiu, *Testing usability in Moodle: When and How to do It*, 13th IEEE International Symposium on Intelligent Systems and Informatics - SISY 2015, 17-19 Sept 2015, Subotica, Serbia, ISBN 978-1-4673-9387-4, pp. 263-268
- Andrei Rusan, Radu Vasiu, *Emulation of Backhaul Packet Loss on the LTE S1-U Interface and Impact on End User Throughput*, 11th International Conference on Intelligent Computer Communication and Processing - ICCP 2015, Cluj-Napoca, 3-5 September 2015, ISBN 978-1-4673-8200-7, pp. 529-536
- Mihai Onita, Sorin Petan, Radu Vasiu, *Review of Interactive Video - Romanian Project Proposal*, International Education Studies (IES) Journal, ISSN 1913-9020, e-ISSN 1913-9039, vol. 9, no. 3, march 2016, 16 pages
- Oana Munteanu, Thierry Bouwmans, El-Hadi Zahzah, Radu Vasiu, *The detection of moving objects in video by background subtraction using Dempster-Shafer theory*, Scientific Bulletin of the Politehnica University of Timisoara, Transactions on Electronics and Communications, Vol. 60(74), no. 1, 2015, pp. 45-52, ISSN 1583-3380
- Dragulescu Bogdan, Bucos Marian, Vasiu Radu, *CVLA: Integrating Multiple Analytics Techniques in a Custom Moodle Report*, 21st International Conference on Information and Software Technologies ICIST 2015, 15-16 October 2015,

Druskininkai, Lithuania, Vol. 538, ISSN 1865-0929, ISBN 978-3-319-24769-4, pp. 115-126, doi: 10.1007/978-3-319-24770-0\_11, CCIS Springer International Publishing Switzerland 2015

- Onita Mihai, Ciuclea Camelia, Vasiu Radu, *The Value of Video Lectures in the Classroom - UPT Study Case*, 21st International Conference on Information and Software Technologies ICIST 2015, 15-16 October 2015, Druskininkai, Lithuania, vol. 538, ISSN 1865-0929, ISBN 978-3-319-24769-4, pp. 127-137, doi: 10.1007/978-3-319-24770-0\_12, CCIS Springer International Publishing Switzerland 2015
- Ostreika Armantas, Vasiu Radu, Gudoniene Daina, Maskeliunas Rytis, Rutkauskienė Danguole, *An Ontology Oriented Approach for E-Learning Objects Design and Improvement*, 21st International Conference on Information and Software Technologies ICIST 2015, 15-16 October 2015, Druskininkai, Lithuania, ISSN 1865-0929, ISBN 978-3-319-24769-4, pp. 138-150, doi: 10.1007/978-3-319-24770-0\_13, CCIS Springer International Publishing Switzerland 2015
- Andrei Rusan, Radu Vasiu, *Assessment of Packet Latency on the 4G LTE S1-U Interface: Impact on End-User Throughput*, 23rd International Conference on Software, Telecommunications and Computer Networks, SoftCOM 2015, 16-18 September 2015, Split, Croatia, pp. 305-309
- Bogdan Dragulescu, Marian Bucos, Radu Vasiu, *Social Network Analysis on Educational Data Set in RDF Format*, Journal of Computing and Information Technology - CIT, ISSN 1330-1136, e-ISSN 1846-3908, Vol. 23, No. 3, 2015, pp. 269-281, doi: 10.2498/cit.1002645
- Bogdan Dragulescu, Marian Bucos, Radu Vasiu, *Predicting Assignment Submissions in a Multi-class Classification Problem*, TEM Journal of Technology, Education, Management, Informatics, ISSN 2217-8309, e-ISSN 2217-8333, Vol. 4, No. 3, August 2015, pp. 244-254
- Diana Andone, Vlad Mihăescu, Andrei Ternauciu, Radu Vasiu, *Integrating MOOCs in Traditional Higher Education*, European Stakeholder Summit on experiences and best practices in and around MOOCs, eMOOCs 2015, 18-20 May 2015, Mons, Belgium, Experience Track, pp. 71-75
- Andrei Rusan, Radu Vasiu, *IP Impairment Testing for LTE Networks*, 2015 International Conference on Electronics and Communication Systems (ECS 2015), Barcelona, Spain, 7-9 April 2015, published in Recent Advances in Electrical Engineering Series, vol. 46 "Recent Advances on Electrosience and Computers", Edts. Nikos E. Mastorakis, Imre Rudas, Marina V. Shitikova, Yuriy S. Shmaliy, pp. 99-105, ISSN 1790-5117, ISBN 978-1-61804-290-3
- Andrei Rusan, Radu Vasiu, *Alternative approach to enable RTSP-based services with dynamic Quality of Service over 4G LTE mobile networks*, 2015 International Conference on Circuits, Systems, Signal Processing, Communications and Computers (CSSCC 2015), Vienna, Austria, 15-17 March 2015, organised by INASE (Institute for Natural Sciences and Engineering), 5 pag
- Silviu Vert, Radu Vasiu, *Integrating linked open data in mobile augmented reality applications – a case study*, TEM Journal of Technology, Education, Management, Informatics, ISSN 2217-8309, e-ISSN 2217-8333, Vol. 4, No. 1, Febr. 2015, pp. 35-43, WOS:000362664800004
- Mihai Onita, Vlad Mihaescu, Radu Vasiu, *Technical Analysis of MOOCs*, TEM Journal of Technology, Education, Management, Informatics, ISSN 2217-8309, e-ISSN 2217-8333, Vol. 4, No. 1, Febr. 2015, pp. 60-72, WOS:000362664800007
- Radu Vasiu, Diana Andone, Mugur Mocofan, Carmen Holotescu, *Using web 2.0 for higher education teacher training in Romania*, International Conference SMART 2014 "Social Media in Academia: Research and Teaching", 19-20 September 2014, Timisoara, ISBN 978-88-7587-712-5, Medimond Publ. Bologna, Italy
- Radu Vasiu, Diana Andone, *OERs and MOOCs – the Romanian Experience*, International Conference on Web and Open Access to Learning, ICWOAL '2014, 25-27 November 2014, Dubai, United Arab Emirates, ISBN 978-1-4799-5739-2, IEEE Catalog Number CFP1407Z-ART, 5 pages
- Vlad Mihăescu, Radu Vasiu, *Use of Web 2.0 and Web 3.0 in Developing a MOOC Platform*, 7th International Conference of Education, Research and Innovation, ICERI2014, 17-19 Nov 2014, Seville, Spain, ISSN 2340-1095, ISBN 978-84-617-2484-0

- Vlad Mihaescu, Radu Vasiu, Diana Andone, *Developing a MOOC: The Romanian Experience*, 13<sup>th</sup> European Conference on e-Learning ECEL-2014, Aalborg University Copenhagen Denmark, 30-31 October 2014, ISBN 978-1-910309-69-8, ISSN 2048-8645, pp. 339-346, WOS:000351434400043
- Silviu Vert, Bogdan Dragulescu, Radu Vasiu, *LOD4AR: Exploring Linked Open Data with a Mobile Augmented Reality Web Application*, 13th International Semantic Web Conference (ISWC 2014), Riva del Garda - Trentino, Italy, 19-23 October 2014, ISSN 1613-0073, Vol-1272, pp. 185-188
- Silviu Vert, Radu Vasiu, *Integrating Linked Data in Mobile Augmented Reality Applications*, 20<sup>th</sup> International Conference on Information and Software Technologies ICIST 2014, 9-10 October 2014, Druskininkai, Lithuania, ISSN 1865-0929, ISBN 978-3-319-11957-1, pp. 324-333, published in "Communications in Computer and Information Science" vol. 465 - Information and Software Technologies, Eds. Giedre Dregvaite and Robertas Damasevicius, Springer International Publishing Switzerland, 2014, pp. 324-333, WOS:000360092900026
- Silviu Vert, Radu Vasiu, *Relevant Aspects for the Integration of Linked Data in Mobile Augmented Reality Applications for Tourism*, 20<sup>th</sup> International Conference on Information and Software Technologies ICIST 2014, 9-10 October 2014, Druskininkai, Lithuania, ISSN 1865-0929, ISBN 978-3-319-11957-1, pp. 334-345, published in "Communications in Computer and Information Science" vol. 465 - Information and Software Technologies, Eds. Giedre Dregvaite and Robertas Damasevicius, Springer International Publishing Switzerland, 2014, pp. 334-345, WOS:000360092900027
- Diana Andone, Radu Vasiu, Mihai Onita, *Virtual Practical Training in Engineering Fields*, 2014 EDEN Annual Conference "E-learning at Work and the Workplace. From Education to Employment and Meaningful Work with ICTs", Zagreb, Croatia, 10-13 June 2014, 5 pages, ISBN 978-963-89559-5-1
- Radu Vasiu, *Are MOOCs Viable for Technical Higher Education in Romania?*, International Conference on Ubiquitous Learning: Opportunities-Challenges-Strategies, UNESCO UNITWIN Serial International Training Workshops, Shanghai, China, 30-31 May 2014, pp. 78-86, ISBN 978-7-900556-28-8
- Andrei Gabor, Radu Vasiu, *Integration Solutions for Video Data in Educational Platforms*, International Journal of Emerging Technologies in Learning (iJET), ISSN 1863-0383, vol. 9, no. 8, May 26, 2014, pp. 11-15, Kassel University Press, Germany
- Vlad Mihaescu, Radu Vasiu, *Wrapping MOOCs – Analysis from a Technological Perspective*, 10<sup>th</sup> International Conference "eLearning and Software for Education" ELSE 2014, Bucharest, 24-25 April 2014, ISSN 2066-026X, vol. 1, pp. 261-264, WOS:000357153000037
- Sorin Pețan, Muguras Mocofan, Radu Vasiu, *Personality Detection in Interactive Video*, 10<sup>th</sup> International Conference "eLearning and Software for Education" ELSE 2014, Bucharest, 24-25 April 2014, ISSN 2066-026X, vol. 2, pp. 385-392, WOS:000357159300061
- Sorin Pețan, Muguraș Mocofan, Radu Vasiu, *Enhancing Learning in Massive Open Online Courses through Interactive Video*, 10<sup>th</sup> International Conference "eLearning and Software for Education" ELSE 2014, Bucharest, 24-25 April 2014, ISSN 2066-026X, vol. 1, pp. 291-297, WOS:000357153000042
- Sorin Pețan, Ligia Pețan, Radu Vasiu, *Interactive Video in Knowledge Management: Implications for Organizational Leadership*, in Procedia – Social and Behavioral Sciences, vol. 124, 20 March 2014, pp. 478-485, ISSN 1877-0428, Elsevier, WOS:000361385500058
- **Andrei Marius Gabor**, Radu Vasiu, Gaga Loghin, *Video Data Use in Interactive e-Learning Courses. A Modern Method of Learning Organizing Process*, 6th International Conference of Education, Research and Innovation ICERI 2013, Seville, Spain, 18-20 Nov. 2013, ISBN 978-84-616-3847-5, ISSN 2340-1095, pp. 2184-2190, WOS:000347240602035
- Sorin Pețan, Ligia Pețan, Radu Vasiu, *Interactive Video in Knowledge Management: Implications for Organizational Leadership*, Proceedings of SIM 2013 / 12<sup>th</sup> International Symposium in Management: Challenges and Innovation in Management and Leadership, 11-12 oct. 2013, Timișoara
- **Radu Vasiu, Diana Andone, Vlad Mihaescu, Radu Ticiu, Antreprenoriat si inovatii digitale pentru mediul de afaceri**, Editura U.T.Press, Cluj-Napoca, 2013, 177 pag, ISBN 978-973-662-894-8

- Radu Vasiu, Silviu Vert, Sorin Nanu, *Sustenabilitate si inovare in societate*, Editura U.T.Press, Cluj-Napoca, 2013, 248 pag, ISBN 978-973-662-896-2
- Diana Andone, Bogdan Dragulescu, Radu Vasiu, *E-Guvernare pentru cetateni*, Editura U.T.Press, Cluj-Napoca, 2013, 86 pag, ISBN 978-973-662-897-9
- Diana Andone, Radu Vasiu, Iasmina Ermalai, Vlad Mihaescu, Silviu Vert, Bogdan Dragulescu, Daniel Ivanc, *Tehnologii Web 2.0*, Editura U.T.Press, Cluj-Napoca, 2012, 275 pag, ISBN 978-973-662-770-5
- Diana Andone, Radu Vasiu, *The Use of e-Learning for an Age Friendly City (TAFCITY)*, IADIS International Conference Collaborative Technologies 2013, Prague, Czech Republic, 22-26 July 2013, ISBN 978-972-8939-92-2, pp. 65-70
- Andrei Marius Gabor, Radu Vasiu, *SMIL Presentations - Use of Video Data in E-Learning Platforms*, 5th International Conference on Education and New Learning Technologies, EDULEARN 2013, Barcelona, Spain, 1-3 July 2013, ISBN 978-84-616-3822-2, ISSN 2340-1117, pp. 340-347, WOS:000346798300044
- Gheorghe Mülec, Radu Vasiu, Flaviu Frigură-Illiasa, *Distributed Flow Controller for Mobile Ad-Hoc Networks*, 8<sup>th</sup> IEEE International Symposium on Applied Computational Intelligence and Informatics SACI 2013, Timișoara, 23-25 May 2013, ISBN 978-1-4673-6397-6 pp. 143-146, WOS:000333188100025
- Andrei Marius Gabor, Radu Vasiu, *Video Data Modelling Based on the MPEG-7 Standard in e-Learning Cloud Computing*, 3<sup>rd</sup> World Conference on Innovation and Computer Sciences INSOODE 2013, Antalya, Turcia, 26-28 April 2013, ISSN 2147-5105, 12 pages
- Andrei Marius Gabor, Radu Vasiu, *Video Data Modelling Based on the MPEG-7 Standard in e-Learning Cloud Computing*, in Global Journal on Technology (former AWER Procedia Information Technology and Computer Science), ISSN 2147-5369, Vol. 4, 2013, pp. 174-185
- Muguraș Mocofan, Radu Vasiu, *A 3D Approach to Co-occurrence Matrix Features used in Dynamic Textures Indexing*, in Advanced Engineering Forum, Vols. 8-9, June 2013, pp. 516-526, Trans Tech Publications, Switzerland, WOS:000323184000058
- Iasmina Ermalai, Bogdan Drăgulescu, Andrei Ternauciu, Radu Vasiu, *Building a Module for Inserting Microformats into Moodle*, Advances in Electrical and Computer Engineering, Journal, print ISSN 1582-7445, online ISSN 1844-7600, Vol. 13, nr. 3, 2013, pp. 23-26, WOS:000326321600004
- Bogdan Drăgulescu, Iasmina Ermalai, Marian Bucos, Radu Vasiu, "Metadata Methods for Improving Usability in Moodle", International Journal of Web Engineering, Vol. 1, No. 1, 2012, pp. 6–10
- Diana Andone, Radu Vasiu, Iasmina Ermalai, Vlad Mihaescu, Silviu Vert, Bogdan Dragulescu, Daniel Ivanc, *Tehnologii Web 2.0*, Editura U.T.Press, Cluj-Napoca, 2012, 275 pag, ISBN 978-973-662-770-5
- Bogdan Drăgulescu, Marian Bucos, Radu Vasiu, "A Semantic Web approach for automated test generation", 11<sup>th</sup> IADIS International Conference WWW/INTERNET 2012, Madrid, Spania, 18-21 Oct. 2012
- Daniel Ivanc, Radu Vasiu, Mihai Onita: *Usability Evaluation of a LMS Mobile Web Interface*, 18<sup>th</sup> International Conference on Information and Software Technologies, ICIST 2012, Kaunas, Lithuania, 13-14 Sept. 2012, ISBN 978-3-642-33307-1, E-ISBN 978-3-642-33308-8, ISSN 1865-0929, Published Springer-Verlag Berlin Heidelberg, in CCIS - Communications in Computer and Information Science, vol. 319, Eds. Tomas Skersys, Rimantas Butleris, Rita Butkiene, pp. 348-361, WOS:000312463800029
- Andrei Marius Gabor, Radu Vasiu: *Interdisciplinarity in e-Learning Platforms Based on Textual Annotation*, 18<sup>th</sup> International Conference on Information and Software Technologies, ICIST 2012, Kaunas, Lithuania, 13-14 Sept. 2012, ISBN 978-3-642-33307-1, E-ISBN 978-3-642-33308-8, ISSN 1865-0929, Published Springer-Verlag Berlin Heidelberg, in CCIS - Communications in Computer and Information Science, vol. 319, Eds. Tomas Skersys, Rimantas Butleris, Rita Butkiene, pp. 362-372, WOS:000312463800030
- Cristina Marghes, Thierry Bouwmans, Radu Vasiu: *Background Modelling and Foreground Detection via a Reconstructive and Discriminative Subspace Learning Approach*, Proceedings of the 16<sup>th</sup> International Conference on Image Processing, Computer Vision and Pattern Recognition IPCV 2012, Las Vegas, Nevada, USA, 16-19 Iulie 2012, ISBN 1-60132-223-2, CSREA Press, USA, pp. 106-112

- Diana Andone, Radu Vasiu: *Devising ICT in Engineering Education Based on the University Academia Expectations*, Proceedings of the 12<sup>th</sup> IEEE International Conference on Advanced Learning Technologies ICALT 2012, Roma, Italia, 4-6 Iulie 2012, ISBN 978-1-4673-1642-2, pp. 242-243 – BEST PAPER AWARD
- Silviu Vert, Radu Vasiu: *School of the Future: Using Augmented Reality for Contextual Information and Navigation in Academic Buildings*, Proceedings of the 12<sup>th</sup> IEEE International Conference on Advanced Learning Technologies ICALT 2012, Roma, Italia, 4-6 Iulie 2012, ISBN 978-0-7695-4702-2, e-ISBN 978-1-4673-1642-2, pp. 728-729
- Mugur Mocfan, Radu Vasiu: *Dynamic Textures Indexing Using the Co-occurrence Matrix Features*, Proceedings of the 7<sup>th</sup> IEEE International Symposium on Applied Computational Intelligence and Informatics Saci 2012, Timișoara, România, 24-26 Mai 2012, ISBN 978-1-4673-1014-7, e-ISBN 978-1-4673-1012-3, print ISBN 978-1-4673-1013-0, pp. 327-330
- Radu Vasiu, Diana Andone, Andrei Ternauciuc, Marian Bucos: *Piloting a Multi-Regional Master Programme in eActivities*, Proceedings of the 7<sup>th</sup> IEEE International Symposium on Applied Computational Intelligence and Informatics Saci 2012, Timișoara, România, 24-26 Mai 2012, ISBN 978-1-4673-1014-7, pp. 433-438
- Muguras Mocfan, Radu Vasiu, Diana Andone, Iasmina Ermalai, Mihai Onita: *Tehnici informationale si de comunicare – avansati*, Editura Academiei Oamenilor de Stiinta din Romania, Bucuresti, 2011, ISBN 978-606-8371-58-0, 82 pag.
- Muguras Mocfan, Radu Vasiu, Diana Andone: *Introducere in tehnologii multimedia*, Editura Academiei Oamenilor de Stiinta din Romania, Bucuresti, 2011, ISBN 978-606-8371-59-7, 75 pag.
- Radu Vasiu, Diana Andone: *Ideas and Concepts of ViCaDiS – A Virtual Learning Environment for Digital Students*, in D. Ifenthaler, P. Isaias, J. M. Spector, Kinshuk, D. Sampson (Ed.) *Multiple Perspectives on Problem Solving and Learning in the Digital Age*, Springer New York, 2011, 398 pages, pp. 359-376, ISBN 978-1-4419-7611-6, E-ISBN 978-1-4419-7612-3
- Vlad Mihaescu, Radu Vasiu: *Open Tourism – An E-Tourism Concept*, Proceedings of the IADIS International Conference WWW/Internet 2011, Rio de Janeiro, Brazil, 5-8 November 2011, 5 pages
- Silviu Vert, Radu Vasiu: *Mobile Applications for Smart Homes: A Case Study*, Proceedings of the IADIS International Conference Applied Computing 2011, Rio de Janeiro, Brazil, 6-8 November 2011, ISBN print 978-989-8533-06-7, 5 pages
- Sorin Pețan, Radu Vasiu, *Interactive Movies: Guidelines for Building an Interactive Video Engine*, Buletinul Științific al Universității Politehnica din Timișoara, Seria Electronică și Telecomunicații, vol. 56 (70), nr. 2, 2011, pp. 42-46, ISSN 1583-3380
- Andrei Marius Gabor, Radu Vasiu, *The MPEG-7 Query of the E-Learning Content*, Buletinul Științific al Universității Politehnica din Timișoara, Seria Electronică și Telecomunicații, vol. 56 (70), nr. 2, 2011, pp. 47-50, ISSN 1583-3380
- Radu Vasiu, Diana Andone: *Using Web 2.0 Technologies in Academic Education for Students in Engineering*, 11<sup>th</sup> IEEE International Conference on Advanced Learning Technologies (ICALT 2011), 6-8 July 2011, Athens, Georgia, USA, pp. 582-584, e-ISBN 978-0-7695-4346-8/11, ISBN 978-1-61284-209-7
- Muguraș Mocfan, Sorin Pețan, Radu Vasiu: *Educational Framework Model for Image Processing and Image Databases*, in "Computational Engineering in Systems Applications" (vol. II), Proceedings of the International Conference on Energy, Environment, Economics, Devices, Systems, Communications, Computers, Iasi, IAASAT Press, 1-3 july 2011, pp. 143-146, ISSN 2223-9812, ISBN 978-1-61804-014-5
- Diana Andone, Radu Vasiu, Nicolae Robu: *Building a Virtual Campus for Digital Students*, 2011 IEEE Global Engineering Education Conference - EDUCON, "Learning Environments and Ecosystems in Engineering Education", Amman, Jordan, 4-6 April 2011, pp. 1069-1073, ISBN 978-1-61284-642-2, e-ISBN 978-1-61284-641-5
- George Mulec, Radu Vasiu, Flaviu Frigura-Illiasa, Doru Vatau: *WLAN Security Performance Study*, 10th WSEAS International Conference on Electronics, Hardware, Wireless and Optical Communications, EHAC'11, Cambridge, UK, 20-22 Febr. 2011, pp. 401-406, ISBN 978-960-474-276-9, ISSN 1792-8133, e-ISSN 1792-8141

- Diana Andone, Radu Vasiu, Rodan di Maria, Lauri Kurkela, *Digital Students and Digital Tutors Profiles in Romania, Hungary, Finland and UK*, raport de cercetare proiect ViCaDiS, elaborat pentru Education and Culture DG, European Commission, 2010, 19 pag.
- Kinshuk, Sampson, Spector, Isaias, Ifenthaler, Radu Vasiu (Editors): *Proceedings of the IADIS International Conference CELDA 2010 Cognition and Exploratory Learning in the Digital Age*, IADIS Press, 2010, 316 pages, ISBN 978-972-8939-28-1
- Weghorn, Isaias, Radu Vasiu (Editors): *Proceedings of the IADIS International Conference on Applied Computing 2010*, IADIS Press, 2010, 296 pages, ISBN 978-972-8939-30-4
- Iasmina Ermalai, Mihai Onita, Radu Vasiu: *Testing the Viability of Podcasting in a Particular E-learning System*, Proceedings of the 9th International Symposium on Electronics and Telecommunications ISETC'10, Timisoara, Romania, 11-12 November 2010, pp. 411-414, ISBN 978-1-4244-8458-4, e-ISBN 978-1-4244-8460-7, WOS:000296356700089
- Cristian Tecu, Adrian Popescu, Radu Vasiu: *Digital Slideshow Performed Live Using the "Motorway" Application*, Proceedings of the IADIS International Conference Applied Computing 2010, Timisoara, 14-16 October 2010, pp. 291-293, ISBN 978-972-8939-30-4, e-ISBN 978-972-8939-29-8
- Iasmina Ermalai, Radu Vasiu: *Study Cases on the Current Use of Microformats*, Proceedings of the IADIS International Conference WWW/Internet 2010, Timisoara, 14-17 October 2010, pp. 387-390, ISBN 978-972-8939-25-0, e-ISBN 978-972-8939-26-7
- Radu Vasiu, Diana Andone: *Inter-University Co-operation by Using ViCaDiS Virtual Campus*, 10th IEEE International Conference on Advanced Learning Technologies, ICALT 2010, Sousse, Tunisia, 5-7 July 2010, pp. 394-396, e-ISBN 978-0-7695-4055-9, ISBN 978-1-4244-7144-7
- Radu Vasiu, Diana Andone, Nicolae Robu: *A Virtual Campus for Digital Students – Paradigms and Guidelines*, Proceedings of the EDEN 2010 Annual Conference "Media Inspirations for Learning. What Makes the Impact?", Valencia, Spain, 9-12 June 2010, 6 pages, ISBN 978-963-06-9430-8
- Diana Andone, Radu Vasiu, Andrei Ternauciuc, Bogdan Dragulescu: *The Use of Social Media Tools in ViCaDiS Virtual Campus*, Proceedings of the IEEE International Joint Conference on Computational Cybernetics and Technical Informatics ICCC-CONTI 2010, Timisoara, Romania, 27-29 May 2010, pp. 305-310, ISBN 978-1-4244-7431-8
- Cristian Tecu, Adrian Popescu, Radu Vasiu: *PhotoSlide Toolbar: Using the Internet Browser for Managing Real-Time Digital Slideshow*, Proceedings of the IADIS International Conference "E-Society" 2010, Porto, Portugal, 18-21 March 2010, pp. 503-506, ISBN 978-972-8939-07-6, e-ISBN 978-972-8939-06-9
- Iasmina Ermalai, Mihai Onița, Muguraș Mocofan, Radu Vasiu, *Inserting Microformats into Online Learning Environments*, Buletinul Științific al UPT, Seria Automatică și Calculatoare, vol. 55(69), nr. 1, March 2010, pp. 37-42, ISSN 1224-600X
- Nicolae Robu, Radu Vasiu, Cristian Tzecu, Diana Andone (Ed.): *Universitatea "Politehnica" din Timisoara. Aniversarea a 90 ani / 90<sup>th</sup> Anniversary*, Editura Politehnica, Timisoara, 2010, 229 pages, ISBN 978-606-554-224-2
- Nicolae Robu, Radu Vasiu, Diana Andone, Cristian Tzecu: *Universitatea "Politehnica" din Timisoara la 90 ani / at 90 years. Monografie / Monography*, Editura Politehnica, Timisoara, 2010, 172 pages, ISBN 978-606-554-199-3
- Radu Vasiu, Diana Andone (Ed.): *ViCaDiS – Virtual Campus for Digital Students. Set of Guidelines*, Editura Politehnica, Timisoara, 2009, 187 pages, ISBN 978-606-554-061-3
- Radu Vasiu, Corneliu Toma, Diana Andone: *Amintiri despre Multimedia / Memories of Multimedia*, Editura Politehnica, Timisoara, 2009, 106 pages, ISBN 978-973-625-965-4
- Iasmina Ermalai, Diana Andone, Radu Vasiu: *Study Cases on eLearning Technologies Used by Universities in Romania and Worldwide*, WSEAS Transactions on Communications, Vol. 8, nr. 8, 2009, pp. 785-794, ISSN 1109-2742
- Cristian Tecu, Radu Vasiu, Adriana Lolea: *Digital Slideshow Transitions Performed Live*, Proceedings of the 17th Telecommunications Forum TELFOR 2009, Belgrade, Serbia, 24-26 November 2009, 4 pages

- Radu Vasiu, Diana Andone, Nicolae Robu: *Ideas and Concepts of ViCaDiS – A Virtual Campus of Digital Students*, Proceedings of the IADIS Int. Conf. "Cognition and Exploratory Learning in Digital Age" CELDA 2009, Rome, Italy, 20-22 November 2009, pp. 235-242, ISBN 978-972-8924-95-9
- Radu Vasiu, Diana Andone, Nicolae Robu, Iasmina Ermalai: *Interactions in CSID Online Learning Environment*, Proceedings of the AACE World Conference on E-Learning in Corporate, Government, Healthcare & Higher Education, E-Learn 2009, Vancouver, Canada, 26-30 October 2009, pp. 3734-3739, ISBN 978-1-880094-76-1
- Diana Andone, Radu Vasiu: *How a Virtual Campus for Digital Students (ViCaDiS) should be?*, Proceedings of the AACE World Conference on E-Learning in Corporate, Government, Healthcare & Higher Education, E-Learn 2009, Vancouver, Canada, 26-30 October 2009, pp. 827-832, ISBN 978-1-880094-76-1
- Iasmina Ermalai, Radu Vasiu: *Study Cases on Specific LMSs Used in Romania and Worldwide*, 13th WSEAS CSCC Multiconference, Proceedings of the International Conference on Communications, Rhodos, Greece, 23-25 July 2009, pp. 111-116, ISSN 1790-5117, ISBN 978-960-474-098-7, WOS:000270024200017
- Iasmina Ermalai, Mugur Mocfan, Mihai Onita, Radu Vasiu: *Adding Semantics to Online Learning Environments*, Proceedings of the International Symposium on Applied Computational Intelligence and Informatics SACI 2009, Timisoara, Romania, 28-29 May 2009, pp. 569-573, e-ISBN 978-1-4144-4478-6, ISBN 978-1-4244-4477-9, WOS:000273929400102
- Andrei Ternauciu, Bogdan Dragulescu, Mihai Onita, Radu Vasiu: *Single Sign-On Solutions for Moodle*, Proceedings of the International Conference "eLearning and Software for Education" ELSE 2009, Bucuresti, 9-10 April 2009, pp. 217-224, ISBN 978-973-663-717-9
- Radu Vasiu, Mugur Mocfan: *Managementul global al unei cladiri inteligente. Sisteme de securitate*, in *Cladiri inteligente. Sisteme Tehnologii. Solutii Integrate IT&C* (ed. Aurel Vlaicu), U.T. Press, Cluj-Napoca, 2008, 412 pages, ISBN 978-973-662-397-4
- Iasmina Ermalai, Andrei Ternauciu, Mihai Onita, Radu Vasiu: *Publishing Learning Content on Mobile Devices*, Proceedings of the 9th International Conference "Virtual University", Bratislava, Slovakia, 11-12 December 2008, 6 pages, e-ISBN 978-89316-10-6
- Radu Vasiu, Diana Andone, Nicolae Robu: *The Experiences of e-Learning in Romania*, Proceedings of the AACE World Conference on E-Learning in Corporate, Government, Healthcare & Higher Education, E-Learn 2008, Las Vegas, Nevada, USA, 17-21 November 2008, pp. 1329-1330, ISBN 978-1-880094-66-2
- Cristian Tecu, Radu Vasiu, Cristian Gotiu: *Contributions to the Use of the New Computer Technologies in the Digital Slideshows*, Proceedings of the IADIS Multiconference on Computer Science and Information Systems, Proceedings of Computer Graphics and Visualization, Amsterdam, Netherlands, 22-27 July 2008, pp. 311-314, ISBN 978-972-8924-63-8
- Radu Vasiu: *Building ViCaDiS – a Virtual Campus for Digital Students*, Conference for International Synergy in Energy, Environment, Tourism and Information Technology "SynEnergy", Spetses, Greece, 28-31 May 2008, CD version
- Mugur Mocfan, Radu Vasiu, Marian Bucos, Mihai Onita, Iasmina Ermalai: *Multimedia interfaces in the control process of smart buildings using 3D scenes, flash, animations and relational databases*, Proceedings of the International Conference Optimization of Electrical and Electronic Equipment OPTIM 2008, Brasov, Romania, 22-24 May 2008, pp. 213-216, ISBN 978-1-4244-1544-1, WOS:000258474700036
- Marian Bucos, Iasmina Ermalai, Mihai Onita, Andrei Ternauciu, Radu Vasiu: *Mobile Virtual Communities*, Proceedings of the 4<sup>th</sup> International Conference "eLearning and Software for Education" ELSE 2008, Bucuresti, 17-18 April 2008, pp. 289-291, ISBN 978-973-749-362-0
- Cristian Tecu, Radu Vasiu, Cristian Gotiu: *Contributions to the use of the new computer technologies in the digital slide shows*, Proceedings of the 4<sup>th</sup> International Conference "eLearning and Software for Education" ELSE 2008, Bucuresti, 17-18 April 2008, ISBN 978-973-749-362-0

- Nicolae Robu, Diana Andone, Radu Vasiu: *Using On-line Tools for E-learning in Romania*, 13<sup>th</sup> International Conference on technology Supported Learning & Training ON-LINE EDUCA 2007, Berlin, 28 Noiembrie - 2 Decembrie 2007, pp. 201-203, ISBN 3-9810562-7-2
- Radu Vasiu, Diana Andone, Nicolae Robu: *E-Learning in Romania - A Critical Analysis, Using On-line Tools for E-learning in Romania*, 13<sup>th</sup> International Conference on technology Supported Learning & Training ON-LINE EDUCA 2007, Berlin, 28 Noiembrie - 2 Decembrie 2007, pp. 410-412, ISBN 3-9810562-7-2
- Radu Vasiu, Muguras Mocfan, Mircea Abuceanu: *Redundancy for the Security Systems in a Smart Building Using Internet (WEB) and GSM (SMS) Technologies*, Acta Technica Napocensis, ISSN 1221-6542, vol. 48, nr. 3/2007, pp. 49-53
- Radu Vasiu, Muguras Mocfan, Iulia Radu: *Scenario Control for Smart Buildings Using Relational Databases*, Acta Technica Napocensis, ISSN 1221-6542, vol. 48, nr. 3/2007, pp. 54-57
- Marian Bucos, Iasmina Ermalai, Mihai Onita, Radu Vasiu: *Developing Tools for Virtual Communities*, Proceedings of the 3<sup>rd</sup> International Conference XXI Strategies: "The South-East European Space in the Context of Globalisation. E-learning Capabilities and Perspectives. Educational and Technical Dimensions", ELSE 2007, Bucuresti, 12-13 Aprilie 2007, pp. 315-320, ISBN 978-973-663-529-8
- Iasmina Ermalai, Mihai Bucos, Mihai Onita, Radu Vasiu: *Putting the M- in Front of Learning at the "Politehnica" University of Timisoara*, 3<sup>rd</sup> International Conference XXI Strategies: "The South-East European Space in the Context of Globalisation. E-learning Capabilities and Perspectives. Educational and Technical Dimensions", ELSE 2007, Bucuresti, 12-13 Aprilie 2007, pp. 339-344, ISBN 978-973-663-529-8
- Radu Vasiu, Diana Andone, Marian Bucos: *The implementation of an International master in Multimedia – a model for a Europe wide degree*, IEEE Learning Technology Newsletter, Volume 9, Issue 1, Ianuarie 2007, ISSN 1438-0625, IEEE Computer Society, Technical Committee on Learning Technology
- Radu Vasiu, Diana Andone, Marian Bucos, Mihai Onita: *Approaches to Life Long Learning by Using Online Tools*, IADIS International Conference on *Cognition and Exploratory Learning in Digital Age (CELDA 2006)*, Barcelona, Spain, 8-10 December, 2006, ISBN 972-8924-22-4, pp. 455-456
- Diana Andone, Radu Vasiu, Marian Bucos: *Evaluation of the METOIM Web-Tool – Testing Competences Online*, 12<sup>th</sup> International Conference "Networking Entities" NETTIES 2006, Timisoara, Romania, 6-9 Septembrie, 2006, ISBN 973-638-262-1, pp. 139-144
- Diana Andone, Radu Vasiu, Mihai Onita, Iasmina Ermalai: *Testing the E-Tasters*, 12<sup>th</sup> International Conference "Networking Entities" NETTIES 2006, Timisoara, Romania, 6-9 Septembrie, 2006, ISBN 973-638-262-1, pp. 145-150
- Diana Andone, Radu Vasiu, Marian Bucos: *The Implementation of an International Master in Multimedia – a model for a Europe Wide Degree*, 12<sup>th</sup> International Conference "Networking Entities" NETTIES 2006, Timisoara, Romania, 6-9 Septembrie, 2006, ISBN 973-638-262-1, pp. 112-117
- Radu Vasiu, Nicolae Robu: *e-Learning in Romania*, 12<sup>th</sup> International Conference "Networking Entities" NETTIES 2006, Timisoara, Romania, 6-9 Septembrie, 2006, ISBN 973-638-262-1, pp. 36-38
- Diana Andone, Radu Vasiu, Mihai Onita, Iasmina Ermalai: *E-Tasters–New Developments on E-Learning for Lifelong Learning*, EDEN 2006 Annual Conference "E-Competences for Life, Employment and Innovation", Vienna, Austria, 14-17 June 2006, ISBN 963-06-0063-3, pp. 393-398
- Radu Vasiu, Diana Andone, Marian Bucos: *Development of the METOIM Web Tool for Competences Self-Evaluation*, EDEN 2006 Annual Conference "E-Competences for Life, Employment and Innovation", Vienna, Austria, 14-17 June 2006, ISBN 963-06-0063-3, pp. 75-80
- Radu Vasiu, Nicolae Robu, Diana Andone, Marian Bucos, Mihai Onita: *Integration of eLearning in Romanian Technical Universities*, World Conference on Educational Multimedia, Hypermedia & Telecommunications, ED-MEDIA 2006, June 2006, Orlando, Florida, USA, ISBN 978-1-880094-60-0, pp. 121-126
- Corneliu I. Toma, Florin Alexa, Radu Vasiu: *Principiile televiziunii analogice si digitale. Vol. 1 – Televiziune analogica*, Editura Politehnica, Timisoara, 2006, 248 pagini, ISBN: 973-625-267-1, ISBN: 973-625-268-X

- Diana Andone, Radu Vasiu: *Instant Communication Methods – Development and Analysis*, EADTU International Conference 2005 “Towards Lisbon 2010: Collaboration for Innovative Content in Lifelong Open and Flexible Learning”, Rome, Italy, 10-11 november 2005
- Radu Vasiu, Diana Andone: *Development of Multimedia Studies Curriculum Through European Co-operation*, EADTU International Conference 2005 “Towards Lisbon 2010: Collaboration for Innovative Content in Lifelong Open and Flexible Learning”, Rome, Italy, 10-11 november 2005
- Diana Andone, Radu Vasiu, Marian Bucos: *Using Online Questionnaires in Learning and Training*, Proceedings of the 11<sup>th</sup> International Conference “Networking Entities” NETTIES 2005, St. Polten, Austria, 12-15 Octombrie, 2005
- Radu Vasiu, Nicolae Robu, Diana Andone, Marian Bucos: *Is it eLearning a viable solution in Romania?*, 5<sup>th</sup> IEEE International Conference on Advanced Learning Technologies, ICALT 2005, **5-8 Iulie 2005, Kaohsiung, Taiwan**, Editors: P. Goodyear, D. Sampson, D. Yang, Kinshuk, Publcat de IEEE Computer Society Press, Los Alamitos, CA, ISBN 0-7695-2338-2, pp. 995-999, WOS:000230898800290
- Diana Andone, Radu Vasiu, Marian Bucos, Artur Muller, Flavius Raicovici: *Building Digital Bridges for People with Disabilities*, EDEN 2006 Annual Conference “Lifelong E-Learning - Bringing e-learning close to lifelong learning and working life: a new period of uptake”, Helsinki, Finland, 20-23 June 2005, ISBN 963-218-134-4, pp. 340-345
- Lia Dolga, Radu Vasiu, Viorel Serban, Raluca Giurgiu, Diana Oltean: *Transparency in Erasmus Students' Mobility in "Politehnica" University of Timisoara*, Proceedings of ERACON 2005 (Erasmus Conference and Go-Exchange Education Fair), Nicosia, Cyprus, 1-5 June 2005, Editors: Gr. Makrides, E. Jung, ISBN 9963-9169-0-2, pp. 153-158
- Diana Andone, Radu Vasiu, *Development of an ICT Open Learning Environment for Teaching Multimedia*, in The New Educational Benefits of ICT in Higher Education, Erasmus Universiteit Rotterdam, 2004, 5 pages
- Diana Andone, Radu Vasiu: *Developing On-line IT Tools for Assessing Learning*, Scientific Bulletin of the “Politehnica” University of Timisoara, Romania, Trans. on Automatic Control and Computer Science, Tome 49(63), Fasc. 4, 2004, ISSN 1224-600X, pp. 223-226
- Radu Vasiu: *Compresie Audio-Video. Tehnici si aplicatii*, Editura Orizonturi Universitare, Timisoara, 2002, 272 pag, ISBN 973-8391-32-6
- Radu Vasiu, Mugur Mocfan: *On Testing MPEG Compressed Digital Video*, Scientific Bulletin of the “Politehnica” University of Timisoara, Romania, Tome 47(61), Fasc.1-2, Proceedings of the Symposium on Electronics and Telecommunications “ETc.2002”, Timisoara, 19-20 Septembrie 2002, pp. 175-181, ISSN 1224-6034
- Radu Vasiu: *Testarea echipamentelor electronice*, Editura Orizonturi Universitare, Timisoara, 2001, 106 pagini, ISBN: 973-8109-38-8
- Radu Vasiu, Vasile Gui, Zoran Bojkovic: *A New Operator for Image Enhancement*, in Facta Universitatis, Nis, Series: Electronics and Energetics, vol.14, No.1, Apr. 2001, Yugoslavia, pp.109-117, ISSN: 0353-3670
- Vasile Gui, Radu Vasiu: *Image Enhancement Using Iterative Extreme Clustering*, Scientific Bulletin of the “Politehnica” University of Timisoara, Tome 45(59), Fasc.1, Proceedings of the Symposium on Electronics and Telecommunications “ETc.2000”, Timisoara, 23-24 Noiembrie 2000, pp. 199-203, ISSN 1224-6034
- Zoran Bojkovic, Cornelius Toma, Vasile Gui, Radu Vasiu: *Advanced Topics in Digital Image Compression*, Editura Politehnica, Timisoara, 1997, 402 pag, ISBN: 973-97970-7-5
- Diana Andone, Radu Vasiu, Marian Bucos, Artur Muller, Flavius Raicovici: *The Development of an E-learning "Web Design" Course for People with Disabilities*, Proceedings of the ONLINE EDUCA 2004, 10<sup>th</sup> International Conference on Technology Supported Learning & Training, Berlin, Germania, 1-3 Decembrie, 2004, pp. 390, e-ISBN 3-9808909-5-3
- Radu Vasiu, Diana Andone, Marian Bucos: *The Development of the “Politehnica” University of Timisoara Distance Learning Web Portal*, in *IT, Knowledge, Education, Cooperation and Collaboration*, Ed.: Johann Guenther, University of the Danube, Krems, Austria, 2004, EATA Press

- Diana Andone, Radu Vasiu, Marian Bucos, Artur Muller, Flavius Raicovici: *Experiences in Developing Multimedia Application for People with Disabilities*, in *IT, Knowledge, Education, Cooperation and Collaboration*, Ed.: Johann Guenther, University of the Danube, Krems, Austria, 2004, EATA Press
- Radu Vasiu, Mugur Mocfan, Dan Vatca: *Optimizing Linux for Embedded Devices*, Proceedings of the International Conference on Computational Intelligence ICCI 2004, 11-13 February 2004, Troia, Turcia, ISSN 1304-4508
- Diana Andone, Radu Vasiu, Nicolae Robu: *Experiences in Developing ICT-tools for Web-based Training*, in *Computers and Advanced Technology in Education*, Editor: Vladimir Uskov (Bradley Univ. USA), pp. 565-570, ISBN 0-88986-361-X, ISSN 1482-7905, ACTA Press, Anaheim, Calgary, Zurich, 2003
- Mugur Mocfan, Radu Vasiu, Artur Muller: *The Influence of Video Streaming Quality Factor in Multimedia Applications*, Proceedings of the 9th International Symposium for Design and Technology of Electronic Packages SIITME 2003, 18-21 Septembrie, 2003, Timisoara, Romania, pp. 83-88, ISBN 973-96592-6-8
- Radu Vasiu, Mugur Mocfan: *Quality Measurement of MPEG Coded Video Sequences*, Proceedings 9th International Symposium for Design and Technology of Electronic Packages SIITME 2003, 18-21 Septembrie, 2003, Timisoara, Romania, pp. 78-82, ISBN 973-96592-6-8
- Diana Andone, Radu Vasiu, Dan Marincu, Flavius Raicovici: *Development of the European Key Competences IT Testing Tool*, in *Technologies for the Future*, Editors: S. Katsikides, J. Guenther, G. Zeibekakis, R. Kimari, University of Cyprus, Limassol, Cyprus, 2003, pp. 109-119, EATA Press
- Radu Vasiu, Mugur Mocfan, Artur Muller: *The Influence of Video Streaming Quality Factor in Training & Distance Learning Education Applications*, Proceedings of the 34<sup>th</sup> International Scientific Symposium of the Military Equipment and Technologies Research Agency, Vol. I, Bucuresti, Romania, May 29-30, 2003, pp. 289-296
- Radu Vasiu, Mugur Mocfan: *Quality of MPEG Coded Video Sequences*, 3<sup>rd</sup> COST 276 Workshop on Information and Knowledge Management for Integrated Media Communication, 11-12 Octombrie, 2002, Budapest, Hungary, publicat pe CD
- Radu Vasiu, Mugur Mocfan: *Algorithm Based on Image Similarity for Content Search in an Image Database*, 3<sup>rd</sup> COST 276 Workshop on Information and Knowledge Management for Integrated Media Communication, 11-12 Octombrie, 2002, Budapest, Hungary, publicat pe CD
- Radu Vasiu, Diana Andone: *Development of an ICT Open Learning Environment for Teaching Multimedia*, European Conference "The New Educational Benefits of ICT in Higher Education", Erasmus University of Rotterdam, Netherlands, 2-4 Septembrie 2004, pp. 90-94, ISBN 90-9016127-9
- Radu Vasiu, Diana Andone, Nicolae Robu: *Open and Distance Learning in the Romanian Technical Higher Education*, Proceedings of the 2002 EDEN Annual Conference "Open and Distance Learning in Europe and Beyond Rethinking International Co-operation", University of Granada, Spania, 16-19 Iunie 2002, pp. 185-190
- Radu Vasiu, Diana Andone: *Invatamantul la distanta on-line: tehnologie, metodologie, avantaje, constrangeri*, in *Impactul programului Tempus asupra dezvoltarii educatiei continue si invatamantului la distanta in universitatile din Romania*, Editura Ars Docendi, Sibiu, 2001, pp. 108-115, ISBN: 973-8118-37-9
- Radu Vasiu, Diana Andone: *Actual Situation and Perspectives on the Romanian Telecommunications*, Proceedings of the International Symposium "Telecommunications in Central & Eastern Europe", organized by Donau-University Krems, 7 Decembrie 2000, Krems, Austria
- Radu Vasiu, Diana Andone, David Evans: *Online Learning in Romania – International Co-operation through Information and Communications Technology*, in *The Best Practices in the Information Society*, Editor: Risto Kimari, Oulu Polytechnic, Finland, 2000, pp. 79-83, ISBN 951-597-016-4
- Dan Lacrama, Radu Vasiu, Florin Alexa: *Flexible Word Division Into Characters*, Proc. of the 4th World Multi-Conference on: Circuits, Systems, Communications and Computers (CSCC 2000), in *Signal Processing, Communications and Computer Science*, Editor: Nikos E. Mastorakis, Publicat de World Scientific and Engineering Society Press, 2000, pp. 173-176, ISBN 9608052181
- Nicolas Pelissier, Radu Vasiu, David Evans, *The Introduction of Internet in Eastern Europe: the case of Romanian Journalists*, In "Mass Media and the Information Society", Franta, 1999, pp. 153-164

## ANNEX 2 – RESEARCH CONTRACTS

**Prof.dr.ing. RADU ADRIAN VASIU**

### **International projects**

Period	Title of the project	Financed by	Value	Pozition
2014-2016	ERASMUS+ Project “ <i>m-commerce</i> ”, Nr: 2014-1-AT-01-KA202-000966	European Commission	21.151 €	Coordinator for Romania
2011-2013	Lifelong Learning Programme “ <i>The Age-Friendly City – TAFCity</i> ”, no. 2011-1-ES1-LEO05-35886	European Commission	46.319 €	Member
2011-2012	Lifelong Learning Programme “ <i>International Internship AGORA – I2AGORA</i> ”, no. 511784-LLP-1-2010-1-HU-KA4-KA4MP	European Commission	59.201 €	Member
2011-2012	HU-RO Cross-Border Co-operation Programme “ <i>Studies for assistance to commercialize innovative research results of PROs in Timis and Csongrad counties serving as pilot for future projects - COMINPRO</i> ”, HURO/1001/043/2.2.4	Phare CBC HU-RO	49.135 €	Director
2010-2012	Lifelong Learning Programme “ <i>Cross Border Virtual Incubator – CBVI</i> ”, no. 510216-LLP-1-2010-NL-ERASMUS-ECUE	European Commission	25.340 €	Member
2010-2012	Lifelong Learning Programme “ <i>Sustainable Know-How in Intercultural Learning in Student Placements and the Knowledge Transfer to Enterprises – SKILL2E</i> ”, no. 510416-LLP-1-2010-1-AT-ERASMUS-ECUE	European Commission	34.194 €	Member
2008-2010	Lifelong Learning Programme „ <i>ESIL – European Sustainable Innovation License for SMEs</i> ”, no. LLP/LdV/TOI/2008/AT/23	European Commission	11.157 €	Coordinator for Romania
2008-2010	FP7 project – Regions of Knowledge „ <i>WeSteer – Support Actions for the Emergence of a Research-Driven Automotive Cluster in West Romania</i> ”, through the Tehimpuls Association, where UPT is founder	European Commission		Member
2008-2009	HU-RO transborder cooperation project „ <i>BROKINNOVOUCHER – Sprijin pentru cooperarea și inovarea întreprinderilor mici și mijlocii din zona România-Ungaria</i> ”, through the TehImpuls Association, where UPT is founder	Phare CBC HU-RO	161.144 €	Member

2008-2009	Transboarder cooperation project Romania - Serbia „Promovarea creșterii economice în zona de graniță dintre România și Serbia prin consolidarea și extinderea într-o direcție transfrontalieră a structurilor de tip cluster pentru industria construcțiilor de mașini și, în mod special, pentru subsectorul automotive”, through the Automotivest Cluster, where UPT is founder, Nr. contract: RO 2006/018-448	Phare CBC Romania - Serbia		Member
2007-2009	Lifelong Learning Programme „Creative Trainer”, no. LLP/LdV/TOI/2007/AT/19	European Commission	20.081 €	Coordinator for Romania
2007-2009	Lifelong Learning Programme „VICADIS – Virtual Campus for Digital Students”, no. 134039-LLP-1-2007-1-RO-ERASMUS-EVC	European Commission	365.747 €	Coordinator
2005–2007	Leonardo Reference Materials programme “e-Report”, No. 2005-2025/001-001 LE2-51OREF	European Commission	75.000 €	Coordinator for Romania
2005-2006	Leonardo mobilities program <i>“Formation professionnelle dans le domaine de la gestion du transfert de technologie – TehnoTrans”</i> , no. RO/2005/95052/EX, proiect coordonat de APART	European Commission		Member
2004–2006	Socrates Erasmus Curriculum Development programme “IMM – International Online Master in Multimedia”, No. 49104-IC-1-2003-1-RO-ERASMUS-PROGUC	European Commission	108.538 €	Coordinator
2004–2006	Socrates Minerva programme “e-Taster – short, free on-line courses – "tasters" - for multilingual, international delivery”, No. 116684-CP-1-2004-1-HU-MINERVA-M	European Commission	61.314 €	Member
2004–2006	Leonardo programme E2ngineering, No. L-B-PP-170029 / 2004	European Commission	23.153 €	Coordinator for Romania
2004–2006	Leonardo programme “METOIM – Measure to Improve”, No. 2004 - I/04/B/F/PP-154047	European Commission	51.476 €	Coordinator for Romania
2003–2005	Leonardo programme „REMOTE - Retail Education Mechanism for On-line Training in Europe”, No. UK/03/B/F/PP-162_010	European Commission	34.352 €	Coordinator for Romania
2001–2003	Socrates Minerva programme “MISSION - Multi-Country Integrated System Support for Improved ODL Networking”, No. 90389-CP-1-2001-1-HU-MINERVA-M	European Commission	21.000 €	Coordinator for Romania
2001–2003	Leonardo programme „EKC – European Key Competences”, No. NL-00-B-F-PP-123054	European Commission	18.300 €	Coordinator for Romania
2000	Leonardo Mobility programme SANGRIA	European Commission	6.000 €	Coordinator for Romania
1999–2000	Leonardo programme “Multiply CADUBALM - Computer-Assisted Development of Teaching Units Based on Authentic Language Material”, No. MC-TZM-UT	European Commission	8.400 €	Coordinator for Romania
1999–2001	Leonardo programme „TIMKARS” No. RO/99/2/011079 /PI/II.1.1.c/FPC	European Commission	225.036 €	Financial coordinator

1999–2000	Socrates programme „EAC – Europe as a Challenge”, No. 70952-CP-1-1999-1-NL-ADULT EDUC-ADU	European Commission	8.342 €	Coordinator for Romania
1998–1999	<i>Phare Multi-Country programme for Distance Education</i> , No. ETF/0062/NCP-06-TM/1997	European Commission	80.000 €	Assistant coordinator
1997–2001	Tempus programme „TEMIS – Telematics and Multimedia within the Information Society”, S-JEP 12086/97	European Training Foundation	480.000 €	Coordinator
1995–1998	Tempus programme “DRUM – Development of Romanian Universities Multimedia”, S-JEP 09838/95	European Training Foundation	460.000 €	Assistant coordinator for Romania
1992–1995	Tempus programme “DÉCOR – Development of Colleges in Romania”, S-JEP 06484/92	European Training Foundation	510.000 €	Member

#### National Research – Development projects

Period	Title of the project	Financed by	Value	Pozition
2009-2010	<i>Research on Emotional Facial Expression recognition in Complicated Environment</i> , Program: PN II, CAPACITATI, Modul III, proiecte de cercetare bilaterale, România-China, 39-5 din 2008, Nr. Contract: 222/15.04.2009	ANCS	15.000 RON	Member
2007-2010	Cresterea eficienței proceselor suport pentru transferul internațional de know-how managerial din domeniul cercetării aplicative și inovării (WINMAN), proiect PN-II, no. 91051 / 14.09.2007	ANCS	190.000 RON	Director
2007-2010	Achiziție de semnale biomedicale și transmisie prin echipamente mobile de calcul (BIOMED-TEL), proiect PN-II, no. D1-1-057 / 21.09.2007	ANCS	360.000 RON	Director
2006-2008	Control și monitorizare la distanță a clădirilor inteligente (COMODICI), proiect CEEX, no. 60 CEEX II 03 / 28.07.2006	MEdC	255.000 RON	Director
2005-2008	Dezvoltarea conceptului de responsabilitate socială în întreprinderi românești, în context European (RSE&UE), proiect CEEX, no. 05-D8-5 / 10.10.2005	MEdC	340.000 RON	Member
2005-2008	Scenarii de previzionare a sectoarelor și ramurilor din economia românească cu potențial inovativ, în perspectiva 2020 (INOVFOR), proiect CEEX, no. 05-D8-77 / 19.10.2005	MEdC	400.000 RON	Member
2001-2003	Crearea și dezvoltarea unui Centru pentru Tehnologia Informației și a Comunicării, proiect INFOSOC no. 45 / 7.11.2001	MEdC	288.000 RON	Member

**Projects financed from European Social Fund**

Period	Title of the project	Financed by	Value	Pozition
2014-2015	Cresterea atractivitatii si performantei programelor de formare doctorala si postdoctorala pentru cercetatori in stiinte ingineresti - ATRACTING, proiect POSDRU, no. POSDRU/159/1.5/S/137070	Fonduri structurale	7.796.762 RON	Member
2010-2013	Intreprindere simulata pentru tehnici de lucru in companiile tehnologice, proiect POSDRU, no. POSDRU/90/2.1/S/56319	Fonduri structurale	1.347.938 RON	Member
2010-2013	Scoala universitara de formare initiala si continua a personalului didactic si a trainerilor din domeniul specializarilor tehnice si ingineresti", DidaTec, proiect POSDRU, no. POSDRU/86/1.3/S/60891	Fonduri structurale	2.506.564 RON	Local coordinator
2010-2013	Program multi-regional de studii masterale in domeniul eActivitati" – eSTART, proiect POSDRU, no. POSDRU/86/1.2/S/54956	Fonduri structurale	2.081.662 RON	Local coordinator
2010-2013	Dezvoltarea si sustinerea de programe postdoctorale multidisciplinare in domenii tehnice prioritare ale strategiei nationale de cercetare - dezvoltare - inovare 4D- POSTDOC, proiect POSDRU, no. POSDRU/89/1.5/S/52603	Fonduri structurale	3.856.711 RON	Local coordinator
2009-2011	Imbunatatirea Managementului Universitar, proiect strategic pentru Invatamantul Superior, no. POSDRU/2.1/S/4/2679 (Infiintare Centrul de Competenta in Imbunatatirea Managementului Universitar Timisoara), coordonat de UEFISCSU	Fonduri Structurale		Member
2009-2011	Dezvoltarea unui sistem operational al calificarilor din invatamantul superior din Romania - RNCIS, proiect strategic pentru Invatamantul Superior, no. POSDRU/2/1.2/S/2, coordonat de ACPART	Fonduri Structurale		Member
2008-2011	Registrul Matricol Unic, proiect strategic pentru Invatamantul Superior, no. POSDRU/2/1.2/S/5/4436, coordonat de UEFISCSU, coordonat de UEFISCSU	Fonduri Structurale		Member

**Results in engineering research & design & development**

- 2015: *Smart City Learning Observatory*, analiza mediului de educatie oferit in campus de un oras care vizeaza titulatura de Smart City, studiu de caz Timisoara
- 2014: *Open Data Landscape – dezvoltarea de aplicatii care utilizeaza datele deschise pentru implementarea conceptului de Oras Intelligent (Smart City)*, parte a European Innovation Partnership on Smart Cities and Communities Initiative, coordonare intiativa
- 2014: *Program de pregatire prin intermediul retelelor sociale pentru promovarea "The Age Friendly City – TafCity"*, curs online asupra serviciilor care trebuie sa raspunda diverselor nevoi ale persoanelor in varsta si care sa asigure integrarea acestora in societate
- 2013: *Dezvoltarea unui program de formare initiala si continua a personalului didactic si a trainerilor din domeniul specializarilor tehnice si ingineresti – DidaTec*, in parteneriat cu Universitatea Tehnica din Cluj-Napoca si Universitatea Transilvania din Brasov

- 2013: *Dezvoltarea unui program multi-regional de studii masterale in domeniul eActivitati – eSTART*, in parteneriat cu Universitatea Tehnica din Cluj-Napoca, Universitatea Transilvania din Brasov si Universitatea Babes-Bolyai din Cluj-Napoca
- 2012: *Realizarea unei analize SWOT asupra abordarilor de pre-incubare si elaborarea unei metodologii de apropiere intre firmele start-up si beneficiari prin tehnologii flexibile, virtuale CBVI – Cross Border Virtual Incubators*, beneficiar European Association of Distance Teaching Universities, Olanda
- 2012: *Dezvoltarea unui model de validare a competentelor obtinute in urma unor stagii de practica / lucru in intreprinderi internationale si implementarea unui prototip*, EKC beneficiar Universitatea de Stiinte Aplicate din Salzburg, Austria
- 2010: *Dezvoltarea "ViCaDiS Multilingual web portal and Multilingual Set of Guidelines - on paper, CD and online"*
- 2010: *Dezvoltarea si testarea unui sistem de achizitie a semnalelor biomedicale si teletransmisia acestora prin echipamente mobile de calcul (BIOMED-TEL)*, in parteneriat cu Universitatea Transilvania din Brasov si Universitatea Tehnica din Cluj-Napoca
- 2009: *Dezvoltarea unui curs European online de training in domeniul inovarii si sustenabilitatii „ESIL – European Sustainable Innovation Licence”*, beneficiar Cleaner Production Centre Graz, Austria
- 2009: *Dezvoltarea unui curs (Creative Trainer) European online de training in domeniul „idea machine”, o unealta care permite selectarea si imbunatatirea ideilor inovative*, beneficiar Universitatea din Graz, Austria
- 2008: *Aplicatie software pentru monitorizarea si controlul cladirilor inteligente (sistemul COMODICI*, beneficiar ANCS
- 2008 – prezent: Dezvoltarea Campusului Virtual al UPT cv.upt.ro ca VLE (Virtual Learning Environment) si LMS (Learning Management System) bazat pe Moodle, platforma educationala online a universitatii, coordonare echipa
- 2007-prezent: *Dezvoltarea unei metodologii pentru un mediu deschis personal de invatare ViCaDiS (Virtual Campus for Digital Students), a unor scenario de campus multi-lingvistic, care include mediul online si mobil bazate pe utilizarea de resurse educationale deschise OER (Open Educational Resources)*, coordonarea proiectului
- 2007: *Studiu de referinta “e-Report” pentru utilizarea educatiei online in IT si inginerie*, beneficiar Universitatea din Palermo
- 2006 - 2010: *Dezvoltarea unei curricula Europene pentru un Master International in Multimedia*, online ([www.immaster.net](http://www.immaster.net)), in colaborare cu 6 universitati partenere din Ungaria, Finlanda, Lituania, Franta si Austria, Dezvoltarea de unelte de comunicare digitala si integrarea lor pe diferite platforme online: forum, blog, wiki, messaging, SMS, coordonarea proiectului
- 2006: *Aplicatie e-learning “e2ngineering” in domeniul CAD si inginerie medicala*, beneficiar Universitatea din Godollo, Ungaria
- 2006: *Aplicatie e-learning “eTaster” in domeniul multimedia*, beneficiar Universitatea din Miskolc, Ungaria
- 2005: *Dezvoltarea METOIM testing box – un set de aplicatii IT pentru testarea competentelor si abilitatilor pe piata muncii*, beneficiar Universitatea din Florenta, Italia
- 2004-2010: *Dezvoltarea de cursuri educationale online, utilizand platformele COEDU si Moodle*, realizarea de material educationale de tip curs, laborator virtual si testare sub diferite formate electronice, respectiv pentru diferite platforme (podcasting)
- 2004: *Website Centrul pentru Invatamant la Distanța UPT*,
- 2004: *The REMOTE CD multimedia application “Removing Barriers”*, aplicatie IT pentru invatarea Macromedia Dreamweaver pentru persoane cu dizabilitati, in 4 limbi, beneficiar firma Ethos din UK
- 2003: *Dezvoltarea unei aplicatii ICT pentru sustinerea activitatilor educationale la distanta*, beneficiar proiectul MISSION coordonat de catre Universitatea din Miskolc, Ungaria
- 2003: *Development of e-books for e-learning*, dezvoltarea de carti electronice educationale, in cadrul programului INFOSOC
- 2002: *Website-ul Fundatiei “Pentru Voi”*, website pentru o fundatie care se ocupa de personae cu disabilitati mentale, la <http://www.pentruvoi.ro>
- 2002: *Training testing tools in the area of administration*, unealta on-line de testare a competentelor obtinute prin educatie informală, beneficiar Dudok College Olanda
- 2001-2008: *Introducerea si dezvoltarea unui CMS (Content Management System) ca suport educational academic pentru studentii de la invatamant la distanta din UPT*
- 2001-2008: *Introducerea si dezvoltarea unui LMS (Learning Management System) ca interfata pentru administrarea studentilor de la invatamant la distanta din UPT*

- 2001: *Introducerea primului VLE (Virtual Learning Environment) din Romania, prin intermediul site-ului Centrului pentru Invatamant la Distanță din UPT*
- 2001: *Jecza, Sculpture 1963-2000*, catalog electronic pe CD-ROM în 3 limbi, despre sculptorul Peter Jecza, cu peste 700 lucrări reprezentate prin imagini, clipuri video, animații, 400 expoziții prezentate, date personale, critici, etc. Produs și sub forma de website realizat ca baza de date la adresa <http://www.jecza.ro>
- 2001: *Timkars web site*, website educational pentru educatie profesionala in electronica, cu 17 cursuri on-line
- 2001: *Kathrein website*, website-ul oficial al Institutului de Cercetare Kathrein
- 2001: *Mediu website*, website cu link direct catre o baza de date Oracle
- 2001: *OurTimisoara*, website interactiv despre Timisoara, cu database, virtual maps, tours, e-card, etc.
- 2001: *Banat folks tradition*, aplicatie CD-ROM extensive despre Banat ca regiune interculturala cu peste 50 clipuri video si 200 fotografii
- 2001: *Calimero site*, website interactive pentru o firma Romaneasca care vinde on-line, include animatii gif si ASP server-side scripting database, interfata client-server cu facilitati de upgrade de catre client, modificarea automata a preturilor in conformitate cu rata de schimb a BNR, webmail, conference room, interfata cu o baza de date Oracle
- 2001: *Design for Spielgebeeld site*, pentru un proiect al femeilor de afaceri din Olanda
- 2001: *Design and implementation for Davidson*, pentru o agentie de travel din Olanda, ASP database
- 2000: *ACP marketing website*, pentru o companie din UK care organizeaza conferinte si expoziții in Birmingham
- 2000: *Site web UPT*, site al Universitatii Politehnica Timisoara, realizat sub forma de baza de date cu Drumbeat ASP database
- 2000: *Alcor shop site*, site interactiv pentru o firma Romaneasca care vinde on-line diverse produse, include animatie gif 3D, ASP server-side scripting database si actualizarea automata a preturilor in conformitate cu rata de schimb valutar a BNR
- 1999: *Willem Winkeltje site*, site interactiv pentru o firma Olandeză care vinde on-line mobilier, sisteme de iluminat si seminee, include animatie gif 3D si ASP server-side scripting database
- 1999: *Filming and Editing Techniques*, CD-ROM educational cu aplicatii referitoare la tehnicile video utilizate in educatia la distanta
- 1998: *Wine World Site*, site interactive, cu animatii flash si baza de date, beneficiar firma Olandeză
- 1997: *Timisoara on CD-ROM – from History to Entertainment*, prezentare interactiva in 3 limbi, cu peste 300 fotografii si 20 clipuri video, aplicatie comerciala pe CD, beneficiar Centrul Multimedia
- 1996-1997: *Metode de compresie si analiza utilizate in transmiterea informatiilor multimedia prin retele B-ISDN*, studio tehnic, conceptie si implementare algoritmi, beneficiar CNCSU Bucuresti
- 1993-1994: *Metode de compresie si analiza utilizate in prelucrarea si transmisia digitala a imaginilor*, conceptie si implementare algoritmi, beneficiar CNCSU Bucuresti
- 1988-1989: *Stand pentru cercetari optice*, proiectare, realizare model experimental, beneficiar Institutul de Cercetare Stiintifica si Inginerie Tehnologica pentru Automatizari (IPA) Bucuresti
- 1987-1988: *Sistem de prelucrare a imaginilor si interfatarea acestuia la microcalculator*, proiectare, realizare prototip, asistenta tehnica, beneficiar Institutul de Cercetari Veterinare si Biopreparate "Pasteur" Bucuresti
- 1987: *Masina automata de taiere termica cu gaze cu comanda numerica*, studio tehnic, beneficiar Institutul de Cercetare Stiintifica si Inginerie Tehnologica pentru Automatizari (IPA) Bucuresti
- 1986-1987: *Modul MULTIPROM analizor de semnatura MCPB-04*, proiect tehnic, documentatie de executie, model experimental, beneficiar Institutul de Cercetare Stiintifica si Inginerie Tehnologica pentru Automatizari (IPA) Bucuresti
- 1986: *Sisteme multiprocessor pentru instalatii electrice navale anticoliziune de tip ARPA*, studio tehnic, beneficiar Institutul de Cercetare Stiintifica si Inginerie Tehnologica pentru Automatizari (IPA) Bucuresti
- 1986: *Elaborare programe de autotest pentru echipamentul de calcul pe 8/16 biti ECAROM 886*, proiect tehnic, proiect de executie, model experimental, beneficiar Institutul de Cercetare Stiintifica si Inginerie Tehnologica pentru Automatizari (IPA) Bucuresti
- 1985: *Masina automata de taiere termica cu gaz a tablelor laminate tip MATT-GL*, proiect tehnic, proiect de executie, prototip, asistenta tehnica, beneficiar Combinatul Siderurgic Galati
- 1985: *Masina automata de taiere termica cu plasma si gaz cu comanda numerica tip MATT-PG-CN*, proiect tehnic, proiect de executie, prototip, asistenta tehnica, beneficiar IMGB Bucuresti
- 1985: *Masina automata de taiere termica cu plasma cu comanda numerica tip MATT-P-CN*, proiect tehnic, proiect de executie, prototip, asistenta tehnica, beneficiar IMGB Bucuresti

- 1984: *Masina automata de taiere termica cu gaze cu urmarire optica a conturului tip MATTO-G*, proiect de executie, prototip, asistenta tehnica, beneficiar Intreprinderea de Autocamioane Brasov
- 1982-1983: *Echipamente de radiolocatie instalate la bordul navelor fluviale si maritime*, proiect tehnic, asistenta tehnica, beneficiar Interprinderea de Constructii Navale si Incercari la Cald Drobeta Turnu-Severin si Registrul Naval Roman
- 1982-1983: *Actionarea electrica a motoarelor principale pentru navele fluviale si maritime*, proiect tehnic, asistenta tehnica, beneficiar Interprinderea de Constructii Navale si Incercari la Cald Drobeta Turnu-Severin si Registrul Naval Roman

#### **PhD research supervision**

- 10 PhD students enrolled (George Mulec, Andrei Rusan, Ciprian Orhei, Rafael Leucuta, Diana Sophia Codat, Paul Pfaff, Sebastian Avram, Dan Bogos, Sorin Ivascu, Oana Munteanu);
- 10 PhD students have finalized and defended their thesis:
  - Marian Bucos: *Dezvoltarea sistemelor informative pentru e-learning si realizarea de organizatii educationale virtuale* (2007, co-tutela cu prof. Toma Corneliu);
  - Iasmina Ermalai: *Contributii la utilizarea noilor tehnologii informationale in procesul de eLearning* (2009);
  - Cristian Tecu: *Contributii la utilizarea noilor tehnologii informationale in diaporama digitala* (2010);
  - Mihai Onita: *Contributii la utilizarea tehnologiilor video in invatamantul electronic* (2011, co-tutela cu prof. Toma Corneliu);
  - Andrei Ternauciuc: *Contributii la dezvoltarea uneltelor de comunicare in cadrul platformelor web educationale* (2011);
  - Bogdan Drăgulescu: *Tehnologii Semantic Web în domeniul educațional* (2012);
  - Andrei Marius Gabor: *Baze de date multimedia* (2014)
  - Sorin Alexandru Petan: *Sisteme multimedia interactive adaptive cu aplicatii in e-learning, divertisment si formare profesionala* (2014)
  - Silviu Vert: *Integrating Linked Open Data in Mobile Augmented Reality Applications* (2015)
  - Vlad Mihaescu: *The Development and Implementation of a MOOC Platform Model from a Technical and Educational Perspective* (2015)
- Member in 34 PhD thesis commissions:
  - Mihaela Laura Gordan: *Aplicatii ale tehniciilor fuzzy si masinilor cu vectori suport in prelucrarea imaginilor*, Universitatea Tehnica din Cluj-Napoca, Iulie 2004
  - Rodica Medan: *Functiile si ponderea instruirii asistante de calculator in predarea si invatarea limbii engleze*, Universitatea Babes-Bolyai din Cluj-Napoca, Noiembrie 2004
  - Cosmin Porumb: *Contribuții la dezvoltarea aplicatiilor multimedia distribuite*, Universitatea Tehnica din Cluj-Napoca, Decembrie 2004
  - Liviu Toma Jr.: *Contributions on Stereo Vision 3D Accurate Measurements*, Universitatea "Politehnica" din Timisoara, Februarie 2005
  - Bogdan Orza: *Contributii la dezvoltarea aplicațiilor multimedia destinate invatamantului la distanta*, Universitatea Tehnica din Cluj-Napoca, Aprilieie 2005
  - Nicolae Miclau: *Contributii la cercetarea implementarii laserilor, cu fibra optica dopata, in retele neuronale optice*, Universitatea de Vest din Timisoara, Decembrie 2006
  - Constantin Hutanu: *Aplicatii ale sistemelor multimedia in educatia la distanta*, Universitatea Tehnica din Cluj-Napoca, Septembrie 2007
  - Alda Corina Naftonita: *Contributii la marcarea transparenta a imaginilor in domeniul transformatei wavelet*, Universitatea Tehnica din Cluj-Napoca, Februarie 2008
  - Sorin Alexandru Cocorada: *Cercetari teoretice si experimentale privind protocoalele cu trimitere multipla in retele mobile cu comutare de pachete*, Universitatea Transilvania din Brasov, Septembrie 2008
  - Csaba-Zoltan Kertesz: *Contributii la dezvoltarea de sisteme cu microcontrolere pentru monitorizarea unor parametri de siguranta in cladiri*, Universitatea Transilvania din Brasov, Septembrie 2008
  - Ioan Buciu: *Analiza fetei umane*, Universitatea "Politehnica" din Timisoara, Noiembrie 2008
  - Adrian Cosmin Chiooreanu: *Cercetari privind analiza imaginilor cu aplicatii in reconstructia 3D*, Universitatea Tehnica din Cluj-Napoca, Ianuarie 2009

- Sanda Maria Porumb: *Contributii privind implementarea functionalitatilor colaborative in cadrul platformelor E-Services*, Universitatea Tehnica din Cluj-Napoca, Iulie 2009
- Mihai Machedon-Pisu: *Optimizari energetice si functionale ale sistemelor de achizitie pentru comunicatii wireless in banda ISM*, Universitatea Transilvania din Brasov, Septembrie 2010
- Andrei Bogdan Rus: *Calitatea serviciilor prin tehnici cross-layer pentru viitorul Internet*, Universitatea Tehnica din Cluj-Napoca, Februarie 2011
- Melinda Barabas: *Managementul rutarii in viitorul Internet*, Universitatea Tehnica din Cluj-Napoca, Septembrie 2011
- Georgeta Lucia Boanea: *Imbunatatirea rutarii multicale in viitorul Internet*, Universitatea Tehnica din Cluj-Napoca, Septembrie 2011
- Adrian-Valentin Nedelcu: *Adaptarea si optimizarea tehnologiilor wireless de proximitate in vederea integrarii in sisteme pervazive de comunicatii*, Universitatea Transilvania din Brasov, Septembrie 2011
- Vlad-Cristian Stoianovici: *Metode si tehnici pentru managementul si accesul dinamic la spectrul de radiofrecventa*, Universitatea Transilvania din Brasov, Septembrie 2011
- Mihaela Cislariu (Suteu): *Contributii la restaurarea, corectia si imbunatatirea imaginilor si secentelor video*, Universitatea Tehnica din Cluj-Napoca, Octombrie 2011
- Nicolae Valerian Ioan Muresan: *Proiectarea, implementarea si monitorizarea retelelor de control a parametrilor cladirilor inteligente*, Universitatea Tehnica din Cluj-Napoca, Octombrie 2011
- Anghel Botoş: *Study Regarding the Integration of Linear Coding Techniques into Content Distribution Mechanisms for Telecommunication Networks*, Universitatea Tehnică din Cluj-Napoca, Martie 2012
- Zsuzsanna-Illona Kiss: *Metode si tehnici de integrare a algoritmilor de codare de retea in comunicatii*, Universitatea Tehnică din Cluj-Napoca, Septembrie 2012
- Lajos Losonczi: *Optimizarea sistemelor electronice distribuite, incorporate in aplicatii*, Universitatea Transilvania din Brasov, Septembrie 2012
- Danciu Marius Constantin: *Contribuţii la dezvoltarea unor medii interactive de vizualizare, segmentare şi analiză a datelor şi imaginilor medicale*, Universitatea Tehnică din Cluj-Napoca, Noiembrie 2012
- Petriţa Teodor: *Contribuţii la modelarea unor caracteristici ale antenelor*, Universitatea "Politehnica" din Timisoara, Decembrie 2012
- Meza Şerban-Nicolae: *Contribuţii la dezvoltarea sistemelor de viziune 2D & 3D*, Universitatea Tehnică din Cluj-Napoca, Ianuarie 2013
- Salcă Victor-Eugen: *Contribuţii privind dezvoltarea instrumentelor educaţionale interactive şi applicare lor în programele educaţionale speciale*, Universitatea Tehnică din Cluj-Napoca, Ianuarie 2013
- Antone Alexandru: *Structuri funcţionale şi de evaluare în sistemele de televiziune digitală DVB*, Universitatea Tehnică din Cluj-Napoca, Octombrie 2013
- Laszlo V. Molnar: *Dezvoltarea serviciilor de telecomunicaţii în concordanţă cu efectul lor psihosocial*, Universitatea Transilvania din Brasov, Noiembrie 2013
- Dragos Draghicescu: *Analiza inregistrarilor audio si recunoasterea vorbitorului in criminalistica*, Universitatea Politehnica din Bucuresti, Iunie 2014
- Mihaela Andrei: *Contributii asupra codurilor corectoare de erori, concatenate*, Universitatea Tehnica Gheorghe Asachi din Iasi, Noiembrie 2014
- Mariana Carmen Holotescu: *Tehnologii educationale emergente. Construirea unei platforme de microblogging pentru invatare formala si informala*, Universitatea Politehnica Timisoara, Ianuarie 2015
- Roland Szabo: *Contribuţii la dezvoltarea metodelor şi algoritmilor pentru calculul poziţiei braţelor robotice în spaţiu folosind recunoaştere de culori. Implementare în FPGA*, Octombrie 2015
- Member in commissions for habilitation thesis:
  - Chiper Leferman Doru Florin, Universitatea Tehnica "Gheorghe Asachi" din Iasi, June 2013
  - Albu Felix, Universitatea "Politehnica" din Bucuresti, January 2014
  - Ancuti Cosmin, Universitatea Politehnica Timisoara, July 2014
  - Naifornita Corina Alda, Universitatea Politehnica Timisoara, March 2015
  - Ursutiu Doru, Universitatea Transilvania din Brasov, March 2016
  - Lascu Mihaela-Ruxandra, Universitatea Politehnica Timisoara, April 2016