



## Curriculum Vitae Europass



### Informații personale

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### Experiența profesională

Perioada

Funcția sau postul ocupat

Activități și responsabilități principale

Numele și adresa angajatorului

Tipul activității sau sectorul de activitate

**Febr. 2016 – Sept. 2023**

**Președinte al Senatului Universității Politehnica Timișoara**

Responsabil reglementare, decizie și dezbateră în universitate

Universitatea Politehnica Timișoara, Pta. Victoriei, nr. 2, 300006 Timișoara

Invățământ superior, Cercetare științifică

Perioada

Funcția sau postul ocupat

Activități și responsabilități principale

Numele și adresa angajatorului

Tipul activității sau sectorul de activitate

**2012 – 2016**

**Președinte al Comisiei de Cercetare a Senatului Universității Politehnica Timișoara**

Responsabil cu politica și strategia de cercetare a universității, [https://www.upt.ro/Informatii\\_senatul-upt\\_152\\_ro.html](https://www.upt.ro/Informatii_senatul-upt_152_ro.html)

Universitatea Politehnica Timișoara, Pta. Victoriei, nr. 2, 300006 Timișoara

Invățământ superior, Cercetare științifică

Perioada

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Activități și responsabilități principale

Numele și adresa angajatorului

Tipul activității sau sectorul de activitate

**2012 - 2020**

**Membru CNATDCU (Consiliul Național de Atestare a Titlurilor, Diplomelor și Certificatelor Universitare)**

Membru în Comisia de electronică, telecomunicații și nanotehnologie

Ministerul Educației Naționale și Cercetării Științifice

Invățământ superior, Cercetare științifică

Perioada

Funcția sau postul ocupat

Activități și responsabilități principale

Numele și adresa angajatorului

Tipul activității sau sectorul de activitate

**2005 - prezent**

**Conducător de doctorat în specializarea Inginerie electronică, telecomunicații și tehnologii informaționale**

Coordonator doctorat

10 teze finalizate, 1 teză depusă pentru susținere, 9 doctoranzi în stagi

Universitatea Politehnica Timișoara, Pta. Victoriei, nr. 2, 300006 Timișoara

Invățământ superior, Cercetare științifică

Perioada	<b>2004 - 2012</b>
Funcția sau postul ocupat	<b>Secretar Științific al Universității „Politehnica” din Timișoara</b>
Activități și responsabilități principale	Responsabil cu cercetarea și relațiile internaționale ale universității
Numele și adresa angajatorului	Universitatea „Politehnica” din Timișoara, Rectorat, Pta. Victoriei, nr. 2, 300006 Timișoara
Tipul activității sau sectorul de activitate	Învățământ superior, Cercetare științifică
Perioada	<b>2003 – prezent</b>
Funcția sau postul ocupat	<b>Director Centrul de Cercetări Multimedia din cadrul UPT</b>
Activități și responsabilități principale	Responsabil activitate cercetare, managementul cercetării, realizare proiecte de cercetare – dezvoltare naționale și internaționale, <a href="https://www.cm.upt.ro/ro_ro/">https://www.cm.upt.ro/ro_ro/</a>
Numele și adresa angajatorului	Universitatea “Politehnica” din Timișoara, Pta. Victoriei, nr. 2, 300006 Timișoara
Tipul activității sau sectorul de activitate	Învățământ superior, Cercetare Științifică
Perioada	<b>2002 – prezent</b>
Funcția sau postul ocupat	<b>Profesor universitar, Departamentul de Comunicații</b>
Activități și responsabilități principale	Domenii de interes: multimedia, prelucrarea semnalelor audio-video, testarea echipamentelor electronice, e-learning, big data și open data, Smart City, aplicații mobile, virtual and augmented reality Responsabil învățământ la distanță Coordonare programe Europene Cursuri predate (licență și master): Managementul proiectării și cercetării, Tehnologii avansate multimedia, Tehnologii instrucționale, Tehnologii Web, Testarea echipamentelor electronice și de telecomunicații, Compresie audio-video, Internet of Things
Numele și adresa angajatorului	Universitatea Politehnica Timișoara, Fac. Electronică, Telecomunicații și Tehnologii Informaționale Bul. Vasile Pârvan, nr. 2, 300223 Timișoara
Tipul activității sau sectorul de activitate	Învățământ superior
Perioada	<b>2005 – 2011</b>
Funcția sau postul ocupat	<b>Evaluator ARACIS</b>
Activități și responsabilități principale	Evaluarea programelor de studii în Comisia de Științe Inginerești
Numele și adresa angajatorului	ARACIS – Agenția Română pt Asigurarea Calității în Învățământul Superior
Tipul activității sau sectorul de activitate	Evaluarea calității în învățământul superior
Perioada	<b>1999 – 2002</b>
Funcția sau postul ocupat	<b>Conferențiar universitar, Departamentul de Comunicații</b>
Activități și responsabilități principale	Predare, cercetare, Responsabil învățământ la distanță, Coordonare programe Europene
Numele și adresa angajatorului	Universitatea “Politehnica” din Timișoara, Fac. Electronică și Telecomunicații Bul. Vasile Pârvan, nr. 2, 300223 Timișoara
Tipul activității sau sectorul de activitate	Învățământ superior
Perioada	<b>1990 – 1999</b>
Funcția sau postul ocupat	<b>Sef de lucrări, Departamentul de Comunicații</b>
Activități și responsabilități principale	Predare, cercetare, Responsabil învățământ la distanță din anul 1996, Coordonare programe Europene
Numele și adresa angajatorului	Universitatea “Politehnica” din Timișoara, Fac. Electronică și Telecomunicații Bul. Vasile Pârvan, nr. 2, 300223 Timișoara
Tipul activității sau sectorul de activitate	Învățământ superior
Perioada	<b>1987 – 1990</b>
Funcția sau postul ocupat	<b>Asistent universitar</b>

Activități și responsabilități principale	Domenii de interes: televiziune, dispozitive și circuite electronice, electronică analogică
Numele și adresa angajatorului	Institutul Politehnic "Traian Vuia" din Timișoara, Fac. de Electrotehnică Bul. Vasile Pârvan, nr. 2, 300223 Timișoara
Tipul activității sau sectorul de activitate	Invățământ superior
Perioada	<b>1986 – 1987</b>
Funcția sau postul ocupat	<b>Cercetător științific</b>
Activități și responsabilități principale	Cercetare-proiectare-dezvoltare, management de proiect în domeniul: automatizări, (auto)testarea sistemelor digitale, sisteme de calcul tolerante la defectare
Numele și adresa angajatorului	Institutul Național de Cercetare Științifică și Inginerie Tehnologică pentru Automatizări (IPA), Filiala Timișoara, Bul. Republicii, nr. 9, Timișoara
Tipul activității sau sectorul de activitate	Cercetare științifică
Perioada	<b>1984 – 1986</b>
Funcția sau postul ocupat	<b>Cercetător științific</b>
Activități și responsabilități principale	Cercetare-proiectare-dezvoltare, management de proiect, în domeniul: mașini automate de tăiere oxiacetilenică, cu plasmă și cu gaz, cu urmărirea optică a conturului tăiat
Numele și adresa angajatorului	Institutul Național de Cercetare pentru Sudură și Incercarea Materialelor (ISIM), Bul. Mihai Viteazu, nr. 12, Timișoara
Tipul activității sau sectorul de activitate	Cercetare științifică
Perioada	<b>1982 – 1984</b>
Funcția sau postul ocupat	<b>Inginer stagiar</b>
Activități și responsabilități principale	Proiectarea instalațiilor electrice la bordul navelor, a echipamentului de radiocomunicații, a sistemelor de acționare electrică a motoarelor principale
Numele și adresa angajatorului	Intreprinderea de Construcții Navale și Prelucrări la Cald (ICNPS), Drobeta Turnu-Severin
Tipul activității sau sectorul de activitate	Construcții navale
<b>Educație</b>	
Perioada	<b>1991 – 1998</b>
Calificarea / diploma obținută	<b>Diploma de doctor inginer, domeniul Electronică și Telecomunicații</b> Teza: <i>Study of the Compression Methods Used in Digital Image Processing and Transmission</i>
Numele și tipul instituției de învățământ	Universitatea "Politehnica" din Timișoara, Fac. Electronică și Telecomunicații, cu stagiul și susținerea tezei și la University of Central Lancashire, Preston, UK
Perioada	<b>1977 – 1982</b>
Calificarea / diploma obținută	<b>Diploma de inginer electronist</b> , echivalent licență + master, în specializarea Electronică și Telecomunicații, Diploma de merit cu media absolvire și multianuală 10
Numele și tipul instituției de învățământ	Institutul Politehnic "Traian Vuia" din Timișoara, Facultatea de Electrotehnică
<b>Formare continuă</b>	
Perioada	<b>Noiembrie 2016</b>
Denumirea programului de formare	<b>1st D-Transform Leadership School „Preparing Higher Education Leaders to become the Change Makers of the University of Tomorrow”</b>
Numele furnizorului de formare	Universitat Oberta di Catalunya, Barcelona, Spania
Perioada	<b>Martie – Iunie 2010</b>
Denumirea programului de formare	<b>Expert evaluator extern pentru programele de studiu în învățământ la distanță</b>
Numele furnizorului de formare	ARACIS – Agenția Română de Asigurare a Calității în Invățământul Superior

Perioada **Februarie – Noiembrie 2010**  
 Denumirea programului de formare **Program de formare în Managementul Universitar** – modulele “Managementul activităților terțiare” și “Managementul cercetării”  
 Numele furnizorului de formare UEFISCDI – Unitatea Executivă pentru Finanțarea Invățământului Superior, a Cercetării, Dezvoltării și Inovării

Perioada **Martie 2009**  
 Denumirea programului de formare **Program de formare Management modern în educație** – domeniul universitar  
 Numele furnizorului de formare OSC – Liderul comunicării diverse

Perioada **1998 – 1999**  
 Denumirea programului de formare **Cursul online LOLA (Learning about Open Learning)**, specializare postuniversitară în Invățământ la Distanță  
 Numele furnizorului de formare Universitatea “Herriot-Watt” din Edinburgh, Scotia, UK

**Apartenența la asociații profesionale naționale sau internaționale**

Membru în organizații profesionale:

- International Association for e-Science (IAFeS) – presedinte 2013-prezent
- European Association for Telematics Applications (EATA) – presedinte 2008 – 2013
- IEEE Communications Society
- IEEE Computer Society
- European Distance and E-learning Network (EDEN) – EDEN Fellow din 2020
- International Association of Science and Technology Engineers for Development (IASTED)
- European Portal for Advanced Collaboration in E-learning (EuroPACE)
- International Association for the Development of the Information Society (IADIS)
- Association for the Advancement of Computing in Education (AACE)
- Comisia pentru Integrare Europeană a Academiei Române, filiala Timisoara
- Asociația Inginerilor Electroniști din Timisoara (AIET)

**Alte limbi**  
 Auto-apreciere  
 European level (\*)  
 Engleza  
 Franceza

Intelegere		Vorbire		Sciere
Ascultare	Citire	Interacțiune vorbită	Vorbire	
C2	C2	C2	C2	C2
C2	C2	C1	B2	B1

(\*) Common European Framework of Reference for Languages

**Schimburi profesionale**

**Profesor invitat (pentru perioade între 2 săptămâni și 6 luni)**

- University of Central Lancashire, Preston, UK, 1993, 1997, 1998, 2000, 2001, 2003 (Digital Television, Media Technology)
- Oulu Polytechnic, Finland, 2000, 2003, 2005, 2009, 2011 (Multimedia Authoring for WWW, Mobile Internet Learning Environment)
- University of Nice, France, 2001, 2002, 2006, 2015 (Techniques Multimedia)
- Technological Institute of Piraeus, Greece, 2002, 2003 (Multimedia Signal Processing)
- Universite de La Rochelle, France, 2005, 2007 (Audio-Video Compression, Techniques Multimedia)
- Università 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)
- University of Brighton, UK, 2006, 2007, 2008, 2009, 2011, 2012 (Media Technology, Interactive Technologies)
- University of Applied Sciences St. Poelten, Austria, 2008, 2012, 2013 (Digital Television, Digital Media Technologies)
- Aristotle University Salonic, Greece, 2008 (Digital Television)
- University of Applied Sciences Vienna, Austria, 2009 (Research Methodologies)
- University of Applied Sciences Salzburg, Austria, 2010, 2011 (Research Methodology)
- Bonch-Bruевич St-Petersburg State University of Telecommunications, Russia, 2013 (Green IT)
- University of Applied Sciences Piraeas, Greece, 2014, 2015, 2017 (Open Data, Smart Cities)
- Mississippi State University, SUA, 2018 (Open Data, Smart Cities)

## Activitate editorială

### Membru în Colective de redacție sau recenzie pentru reviste internaționale

- Review Board Member pentru *Studies in Higher Education Journal*, Taylor&Francis, ISSN 0307-5079, eISSN 1470-174X (jurnal Q1 WoS – IF=4.379 pe 2020, IF=4.976 pe 5 ani), din 2019
- Executive Peer-Reviewer pentru *Educational Technology & Society Journal (ET&S)*, ISSN 1176-3647, eISSN 1436-4522, (jurnal Q1 WoS, IF=3.522 pe 2020, IF=3.941 pe 5 ani), din 2007
- Review Board Member pentru *Information Technology & People Journal*, Emerald Publishing, ISSN 0959-3845, eISSN 1758-5813 (jurnal Q2 WoS, IF=3.879 pe 2020, IF=4.238 pe 5 ani), din 2018
- Review Board Member pentru *SpringerPlus Journal*, ISSN 2193-1801, (jurnal Q2 WoS, IF=1.13 pe 2020, IF=1.29 pe 5 ani), din 2016
- Review Board Member pentru *IEEE Transactions on Education*, ISSN 0018-9359, eISSN 1557-9638 (jurnal Q3 WoS, IF=2.116 pe 2020, IF=2.46 pe 5 ani), din 2020
- Review Board Member pentru *International Journal of Distance Education Technologies (IJDET)*, IGI Global, ISSN 1539-3100, eISSN 1539-3119 (jurnal WoS), din 2018
- Editorial and Scientific Board Member pentru *Interaction Design and Architectures (IxD&A)*, ISSN 1826-9745 (jurnal WoS), din 2016
- Reviewer pentru *International Journal of Knowledge and Learning (IJKL)*, e-ISSN 1741-1017, ISSN 1741-1009 (jurnal WoS), din 2016
- Reviewer pentru *Electronic Journal of e-Learning (EJEL)*, ISSN 1479-4403 (jurnal WoS), din 2017
- Review Board Member pentru *Smart Learning Environments Journal*, Springer Open, ISSN 2196-7091 (jurnal WoS), din 2017
- Editorial Board member pentru *Educational Review*, SUA, Hill Publisher, ISSN 2575-7938, eISSN 2575-7946, din 2019
- Review Board Member pentru *International Journal of Computing and Digital Systems (IJCDS)*, eISSN 2210-142X, din 2015
- Editorial Board Member pentru *Education Journal (EDU)*, Science PG, ISSN 2327-2600, eISSN 2327-2619, din 2018
- Editorial Board Member pentru *International Journal of Cyber Ethics in Education (IJCEE)*, IGI Global, ISSN 2155-6903, e-ISSN 2155-6911, din 2009
- Editorial Board Member pentru *International Journal of Ethics in Digital Research and Scholarship (IJEDRS)*, IGI Global, ISSN 2476-0005, e-ISSN 2476-0013, (2017 – prezent)
- Reviewer for *Bulletin of Electrical Engineering and Informatics (BEEI)*, Indonesia, ISSN 2089-3191, eISSN 2302-9285 (jurnal Scopus), din 2018
- Editorial Board Member pentru *International Journal of Electrical and Computer Engineering (IJECE)*, Indonesia, ISSN 2088-8708 (jurnal Scopus), din 2020
- Reviewer pentru *Electronic Journal of e-Government (EJEG)*, ISSN 1479-439X (din 2018)
- Guest Editor pentru un număr special al *Journal of Telecommunications, Electronic and Computer Engineering (IJTEC)*, în 2017
- Reviewer Board Member pentru *World Journal on Educational Technology*, eISSN 1309-0348, din 2016
- Guest Editor newsletter *IEEE Learning Technology*, ianuarie 2007
- Membru in colectivul editorial al *Buletinului Stiintific al UPT, Seria Electronica si Comunicatii*, ISSN 1583-3380, din 2007
- Membru in colectivul editorial al *Acta Technica Napocensis, Seria Electronica si Telecomunicatii*, ISSN 1221-6542, din 2005
- Recenzor pentru editura *CRC Press*, pentru cartea *Advanced Topics in Wireless Multimedia Communication* de K. R. Rao, Z. Bojkovic, B. M. Bakmaz, 2012

### Editor al unor volume de International Conference Proceedings

- Herisanu, Razzaghi, Radu Vasii (Editors): *Proceedings of the International Conference on Computational Methods and applications in Engineering ICCMAE 2018*, ITM Web of Conferences, eISSN 2271-2097
- Kinshuk, Sampson, Radu Vasii, Chang, Chen, Huang (Editors): *Proceedings of the IEEE International Conference on Advanced Learning Technologies ICALT 2017*, IEEE Press, 2017, ISBN 978-153863870-5
- Kinshuk, Sampson, Spector, Isaias, Ifenthaler, Radu Vasii (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 Vasii (Editors): *Proceedings of the IADIS International Conference on Applied Computing 2010*, IADIS Press, 2010, 296 pages, ISBN 978-972-8939-30-4

## Activitate editorială

### Membru în Comitet tehnic sau Comitet de recenzie pentru conferințe internaționale cotate WoS

- International Technical Committee member si Reviewer Board member pentru *IEEE International Conference on Communication Technology – ICCT*, din 2017
- Program Committee member si Reviewer Board member pentru *International Conference on Cognition and Exploratory Learning in Digital Age – CELDA*, din 2010
- Reviewer Board Member pentru *IEEE Global Engineering Education Conference – EDUCON*, din 2013
- Technical Program Committee member si Reviewer Board member pentru *International Symposium on Electronics and Telecommunication - ISETC*, Timisoara, din 1996
- Scientific Committee member pentru *10th International Conference on Speech Technology and Human-Computer Dialogue - SpeD 2019*, Timisoara
- Advisory Committee member pentru *18th International Conference on Advanced Learning Technologies - ICALT 2018*, Bombay, India
- Inter-Associations Committee member pentru *Smart Learning Ecosystems and Regional Development SLERD*, din 2016
- Program Committee member si Reviewer Board member pentru *IEEE International Conference on Technology for Education - T4E*, India, din 2015
- Program Committee member si Reviewer Board member pentru *IEEE International Conference on Teaching, Assessment and Learning for Engineering - TALE*, din 2012
- Technical Program Committee member si Reviewer Board member pentru *IEEE International BlackSea Conference on Communications and Networking - BlackSeaCom*, din 2015
- Technical Program Committee member si Reviewer Board member pentru *International Conference on Advances in Computing, Communications and Informatics – ICACCI*, din 2015
- Technical Program Committee member si Reviewer Board member pentru *3rd International Conference on Computing and Network Communications - CoCoNet 2019*, Kerala, India
- Technical Program Committee member si Reviewer Board member pentru *International Symposium on Signal and Intelligent Recognition Systems – SIRS*, din 2014
- Technical Program Committee member si Reviewer Board member pentru *International Conference on Information and Communication Technology - ICoICT*, Indonesia, din 2014
- Technical Program Committee member si Reviewer Board member pentru *International Conference on Control, Electronics, Renewable Energy and Communications - ICCEREC*, Indonesia, din 2015
- Technical Program Committee member pentru *7th IEEE International Conference on Smart Computing & Communications - ICSCC 2019*, Malaysia
- Technical Program Committee member si Reviewer Board member pentru *IEEE Asia Pacific Conference on Wireless and Mobile, APWiMob 2015, 2017*, Bandung, Indonesia
- Program Committee member si Reviewer Board member pentru *International Conference on Advanced Technologies Enhancing Education - ICAT2E 2017*, Qingdao, China
- Program Committee member si Reviewer Board member pentru *IEEE International Conference on Automation, Cognitive Science, Optics, Micro Electro-Mechanical System and Information Technology - ICACOMIT 2015*, Bandung, Indonesia
- Technical Program Committee member si Reviewer Board member pentru *IEEE International Conference on Computer and Communications – ICC 2019*, China, din 2019
- Program Committee member pentru *International Conference on Information and Software Technologies - ICIST*, Lituania, din 2004
- Program Committee member pentru *15th International Conference on Intelligent Tutoring Systems - ITS 2019*, Kingston, Jamaica
- Reviewer Board member pentru *Advanced Research on Business, Management and Humanities, ARBUHUM*, dn 2016
- Reviewer Board member pentru *International Conference on Information in Business and Technology Management - I2BM*, Malaysia, din 2016
- Reviewer Board member pentru *International Conference on Control Theory and Its Application, CNTIA 2015*, Melaka, Malaysia
- Reviewer Board member pentru *International Conference on Communication and Computer Engineering - ICOCOE*, din 2015
- Reviewer Board member pentru *International Symposium on Technology Management and Emerging Technologies - ISTMET*, Malaysia, din 2015
- Reviewer Board member pentru *IEEE International Conference on Computer, Communication and Control Technology - I4CT*, din 2014
- Reviewer Board member pentru *International Conference on Education – ICOED*, din 2015

- Reviewer Board member pentru *International Conference on Business, Management, Tourism and Hospitality – BIZMATOUR*, din 2015
- Reviewer Board member pentru *Progress in Applied Mathematics in Science and Engineering - PIAMSE*, Indonesia, din 2015
- Reviewer Board member pentru *International Symposium on Social Sciences, Arts and Humanities – SYSSARM*, din 2015
- Reviewer Board member pentru *IEEE International Conference on Engineering Education, - ICEED*, din 2018
- Reviewer Board member pentru *8th International Conference on Modeling, Simulation and Applied Optimization - ICMSAO 2019*, Bahrain
- Reviewer Board member pentru *15th IEEE Symposium on Signal Processing and Information Technology - ISSPIT 2015*, Abu Dhabi, UAE
- Reviewer Board member pentru *IEEE PES Asia-Pacific Power & Energy Engineering Conference - APPEEC 2018*, Sabah, Malaysia
- Reviewer Board member pentru *IEEE GCC Conference & Exhibition - IEEE-GCC 2017, 2019*
- Reviewer Board member pentru *2nd International Conference on Advanced Computational and Communications Paradigms - ICACCP 2019*, Rangpo, India
- Reviewer Board member pentru *17th Asia Simulation Conference - AsiaSim 2017*, Melaka, Malaysia
- Reviewer Board member pentru *2nd Smart Cities Symposium - SCS 2019*, Bahrein
- Reviewer Board member pentru *International Conference on Telecommunications and Signal Processing – TSP*, din 2018
- Reviewer Board member pentru *International Conference on Optimization of Electrical and Electronic Equipment - OPTIM 2017*, Brasov, Romania
- Reviewer Board member pentru *2nd International Conference on Computer Science and Application Engineering - CSAE 2018*, Hohhot, China
- Reviewer Board member pentru *World Multi-Conference on Systemics, Cybernetics and Informatics - WMSCI*, Orlando, Florida, din 2009
- Reviewer Board Member pentru *International Conference on Intelligent Autonomous Agents, Networks and Systems - INAGENTSYS 2014*, Bandung, Indonesia
- Reviewer Board Member pentru *International Conference on Technology, Informatics, Management, Engineering & Environment - TIME-E*, Indonesia, din 2014
- Reviewer Board Member pentru *International Conference on Computers in Education – ICCE*, din 2013
- Editorial Reviewer Board pentru *IEEE Colloquium on Humanities, Science and Engineering - CHUSER*, Malaysia, din 2012
- Reviewer Board Member pentru *2012 IEEE International Conference on Power and Energy - PECON 2012*, Kota Kinabalu, Malaysia
- Reviewer Board Member pentru *IEEE Symposium on Business, Engineering and Industrial Applications - ISBEIA 2012*, Bandung, Indonesia
- Reviewer Board Member pentru *2012 IEEE Symposium on Industrial Electronics & Applications - ISIEA 2012*, Bandung, Indonesia
- Reviewer Board Member pentru *International Conference on Education and Information Systems, Technologies and Applications - EISTA*, Orlando, Florida, SUA, din 2010

#### Activitate editorială

#### Membru in Comitet tehnic sau Comitet de recenzie pentru conferinte internationale cotate BDI

- Technical Program Committee member si Reviewer Board member pentru *International Multi-Conference on Computing in the Global Information Technology, ICCGI*, din 2018
- Technical Program Committee member si Reviewer Board member pentru *Symposium on Advances in Applied Informatics – SAI*, din 2017
- Technical Program Committee member for *Sustainability and Resilience Conference 2018*, Kingdom of Bahrein
- Technical Program Committee member for *3rd International Symposium on Emerging Topics in Circuits and Systems, SET-CAS 2017*, Karnataka, India
- Technical Program Committee member for *IEEE International Conference on Communications - COMM*, Bucuresti, din 2016
- Editorial Board member for *International Conference on Unmanned Aerial Systems and Aerospace - ICUASA*, China, din 2018

- Technical Program Committee member for *Spring Conference of the IEEE Region 10 - TENSYP 2017*, Kerala, India
- Scientific Committee member for *1st International Conference on Technology and Innovation in Learning, Teaching and Education - TECH-EDU 2018*, Thessaloniki, Greece
- Scientific Committee Board member for *Technium International Conference 2019*, Constanta
- Program Committee member pentru *1st International Conference on Computational Methods and Applications in Engineering - ICCMAE 2018*, Timisoara
- Reviewer Board member pentru *International Symposium of Information and Internet Technology - SYMINTECH*, din 2016
- Reviewer Board member pentru *Applied Mathematics in Science and Engineering International Conference – APPEMSE*, din 2016
- Reviewer Board member pentru *2017 International Conference on Art, Business, Education and Social Sciences - ABESS 2017*, Kedah, Malaysia
- Reviewer Board member pentru *2016 Recent Research in Social Sciences International Conference - SOCSIC 2016*, Bandung, Indonesia
- Reviewer Board member pentru *Advanced Research in Engineering and Information Technology International Conference – AREITIC*, din 2016
- Reviewer Board member pentru *Progress in Electronics Engineering, Computer Engineering and Information Technology - PIECT*, Indonesia, din 2017
- Reviewer Board member pentru *International Symposium in Business, Management and Social Sciences - BIMSS 2017*, Penang, Malaysia
- Reviewer Board member pentru *International Conference on Business and Social Science - ICoBSS 2017*, Melaka, Malaysia
- Reviewer Board member pentru *International Conference on Machine Learning and Signal Processing – MALSIP*, din 2015
- Reviewer Board member pentru *World of Multidisciplinary Research and Application Conference, WOMRAC 2018*, Kota Kinabalu, Sabah, Malaysia
- Reviewer Board member pentru *Progress in Computer Sciences and Information Technology International Conference - PROCSIT 2016*, Langkawi, Malaysia
- Reviewer Board member pentru *2nd Advanced Research in Electrical and Electronic Engineering Technology - ARIEET 2017*, Jakarta, Indonesia
- Reviewer Board member pentru *Advancement Research in Circuits and Systems International Conference - ARECAS 2016*, Langkawi, Malaysia
- Reviewer Board member pentru *Renewable Energy and Green Technology International Conference – REEGEETECH*, din 2015
- Reviewer Board member pentru *Advanced Research in Electronic Engineering and Information Technology International Conference – AVAREIT*, din 2016
- Reviewer Board member pentru *Advancement on Informatics, Business and Management International Conference - ADIBUM 2016*, Hradec Kralove, Czech Republic & MALTESAS
- Reviewer Board member pentru *Advancement on Information Technology International Conference - ADVICIT*, din 2014
- Reviewer Board member pentru *Recent Advancement in Informatics, Electrical and Electronics Engineering International Conference - RAIEIC 2015 si 2016*, Indonesia
- Reviewer Board member pentru *Computer Sciences and Information Technology International Conference - COMSIT 2016*, Krabi, Thailand
- Reviewer Board member pentru *International Conference on Information Science, Technology, Management, Humanities & Business - ITMAHUB 2016*, Penang, Malaysia
- Reviewer Board member pentru *International Conference on research and Innovation in Computer Engineering and Computer Science - RICCES 2017 si 2018*
- Reviewer Board member pentru *World Congress on Circuits and Systems Conference - WORCAS 2018*, Kuala Lumpur, Malaysia
- Reviewer Board member pentru *International Conference in Electrical, Electronic and Computer Engineering - ICEECE 2019*, Penang, Malaysia
- Reviewer Board member pentru *International Conference on Electrical, Electronic, Communication and Control Engineering – ICEECC*, din 2018
- Reviewer Board member pentru *1st International Conference on Innovative and Creative Information Technology - ICITech 2017*, Salatiga, Indonesia
- Reviewer Board member pentru *2nd International Conference and Workshop on Telecommunication, Computing, Electrical, Electronics and Control, ICW-TELKOMNIKA 2019*, Yogyakarta, Indonesia



- Reviewer Board member pentru *International Conference on Sustainable Engineering & Technology, InConSET 2016*, 2018, Malacca, Malaysia
- Reviewer Board member pentru *1st International Conference on Unmanned Aerial Systems and Aerospace - ICUASA 2018*, Shanghai, China
- Reviewer Board member pentru *International Conference on Innovation and Intelligence for Informatics, Computing and Technologies - 3ICT*, Bahrein, din 2018
- Reviewer Board member pentru *1st International Conference on Mechanical, Electric and Industrial Engineering - MEIE 2018*, Hangzhou, China
- Reviewer Board Member pentru *IEEE International Symposium on Research of Arts, Design and Humanities - ISRADH 2014*, Kota Kinabalu, Malaysia
- Review Board Member pentru *2014 International Workshop on Mobile Applications*, Barcelona, Spain
- Reviewer Board Member pentru *International Colloquium of Art and Design Education Research i-CADER*, Indonesia-Malaysia, din 2014
- Reviewer Board Member pentru *1st International Conference on Electronic Publishing and Information Technology - ICEPIT 2014*, Bahrain
- Reviewer Board Member pentru *International Conference on Education, Training and Informatics - ICETI*, Orlando, Florida, SUA, din 2010
- Reviewer Board Member pentru *International Symposium on Science 2 and Expansion of Science (S2ES)*, Orlando, Florida, SUA, din 2010

**Activitate editorială** **Chairman, Co-Chair sau membru Program Committee la simpozioane si conferinte internationale**

- Co-Chair *19<sup>th</sup> International Conference NETTIES 2022 (Networking Entities): Focus on the Future – a summit meeting with pioneers – Innovation with a Future, Technologies with a Future*, organized by IAFeS – International Association for e-Science, St. Jakob in Deferegggen (East Tyrol), Austria, 21-23 September 2022
- Chair of the *2nd International Conference on Computational Methods and Applications in Engineering – ICCMAE 2022*, Starkville, USA, 7-8 May 2022
- Co-Chair *18<sup>th</sup> International Conference NETTIES 2021 (Networking Entities): Digital Culture in Education, Science and Technology*, organized by IAFeS – International Association for e-Science, Timisoara, Romania, 21-24 July 2021
- Co-Chair *17<sup>th</sup> International Conference NETTIES 2019 (Networking Entities): Innovation and Digitalization in Emerging Economies*, organized by IAFeS – International Association for e-Science, Pristina, Kosovo, 4-6 May 2019
- Chair of the *1<sup>st</sup> International Conference on Computational Methods and Applications in Engineering – ICCMAE 2018*, Timisoara, Romania, 23-26 May 2018
- Co-Chair *16<sup>th</sup> International Conference NETTIES 2018 (Networking Entities): Access to Knowledge in the 21<sup>st</sup> Century. The Interplay of Society, Education, ICT and Philosophy*, organized by IAFeS – International Association for e-Science, Corfu, Greece, 3-5 May 2018
- General Chair of the *17<sup>th</sup> IEEE International Conference on Advanced Learning Technologies – ICALT 2017*, Timisoara, Romania, 3-7 July 2017
- Scientific Committee member of the *2<sup>nd</sup> International Conference on Smart Learning Ecosystems and Regional Development SLERD 2017*, Aveiro, Portugal, 22-23 June 2017
- Co-Chair *15<sup>th</sup> International Conference NETTIES 2017 (Networking Entities): Aristotelian Thinking Impact*, organized by IAFeS – International Association for e-Science, Athens, Greece, 4-6 May 2017
- Technical Program Committee member *12<sup>th</sup> International Symposium on Electronics and Telecommunications 2016*, Timisoara, Romania, 27-28 October 2016
- Chair of the *1<sup>st</sup> International Conference on Smart Learning Ecosystems and Regional Development SLERD 2016*, Timisoara, Romania, 19-20 May 2016
- General Chair al *14th International Conference NETTIES 2016 (Networking Entities): Smart Learning*, organized by IAFeS – International Association for e-Science, Timisoara, Romania, 19-20 May 2016
- Co-Chair al *NETTIES 2015 (Networking Entities): Open Data and Big Data – The Impact on Digital Society and Smart Cities*, organizata de IAFeS – International Association for e-Science, Tenerife, Spain, 5-8 march 2015
- Co-organizator al Summer University St. Petersburg 2013, la Bonch-Bruевич Saint-Petersburg State University of Telecommunications, 30 Iunie - 12 Iulie 2013
- Program Committee Member pentru *Conference on Technology for Education (T4E)*, India (2012-prezent)

<b>Activitate editorială</b>	<p><b>Chairman, Co-Chair sau membru Program Committee la simpozioane si conferinte internationale</b></p> <ul style="list-style-type: none"> <li>➤ Program Committee Member pentru <i>11<sup>th</sup> International Conference on Web-based Learning ICWL2012</i>, Sinaia, sept. 2012</li> <li>➤ Program Committee Member pentru <i>13<sup>th</sup> IEEE International Conference on Computational Science and Engineering (CSE 2010)</i>, 11-13 Decembrie 2010, Hong-Kong SAR, China</li> <li>➤ Program Committee Member pentru <i>International Conference "E-Education: Science, Study and Business"</i>, 24-25 Noiembrie 2010, Vilnius, Lituania</li> <li>➤ Program Committee Member pentru <i>International Conference on Information and Software Technologies</i>, Kaunas, Lituania (2008 – prezent)</li> <li>➤ Co-organizator al cursurilor de vara <i>Computer Aided Translation – Localization, Internationalisation and Globalization</i>, Palermo, sept 2008, 2009, 2010 si 2011, in colaborare cu Universita degli Studi di Palermo</li> </ul>
<b>Activitate editorială</b>	<p><b>Chairman, Co-Chair sau membru Program Committee la simpozioane si conferinte internationale</b></p> <ul style="list-style-type: none"> <li>➤ Chair pentru <i>IEEE International Conference on Advanced Learning Technologies ICALT 2017</i>, Timisoara 2017</li> <li>➤ Program Committee Member and Organizing Committee Member pentru <i>IADIS International Conference on Cognition and Exploratory Learning in Digital Age (CELDA)</i>, (2005 – prezent)</li> <li>➤ Co-chair al <i>Conferintei Internationale Applied Computing 2010</i>, Timisoara, 14-16 octombrie 2010, organizata in cooperare cu IADIS – International Association for the Development of Information Society</li> <li>➤ Co-Chair al <i>SynEnergy Forum (S.E.F.)</i>, the Conference for International Synergy in Energy, Environment, Tourism and Information Technology, Spetses, Grecia, 28-31 mai 2008;</li> <li>➤ Co-Chair al <i>NETTIES 2006 (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 septembrie 2006, Timisoara, Romania</li> <li>➤ Chair al <i>Lifelong Learning and Distance Education in the Information Society</i>, curs intensiv, 7-12 august 2000, Newton Rigg Campus, UK;</li> <li>➤ Chair al <i>New Approaches to Education &amp; Training for Industry</i>, conferinta internationala, 13-15 septembrie 1999, Timisoara, Romania;</li> <li>➤ Chair al <i>Telematics Applications within Distance Education</i>, curs intensiv, 24-29 mai 1999, Atena – Halkis, Euboea, Grecia;</li> <li>➤ Co-chair al <i>Information Society and the Media</i>, conferinta internationala, 10-15 noiembrie 1997, Timisoara</li> </ul>
<b>Activitate editorială</b>	<p><b>Publicatii</b></p> <p>Autor/coautor a 11 cărți apărute în edituri naționale, editor a 4 volume de conference proceedings apărute în edituri internaționale și 1 în editură națională, 16 capitole în cărți apărute în edituri internaționale și 3 în edituri naționale, 4 manuale pentru studenți, 3 monografii și peste 200 de lucrări publicate în diverse jurnale internaționale și volume de lucrări.</p> <ul style="list-style-type: none"> <li>➤ Peste 1.000 citări în jurnale sau proceedings-uri de conferințe indexate WoS, Scopus sau Google Scholar.</li> <li>➤ h-index WoS = 7</li> <li>➤ h-index Scopus = 9</li> <li>➤ h-index Google Scholar = 16</li> </ul> <p>Lista celor mai recente publicații este prezentată în <b>Anexa 1</b>.</p>
<b>Activitate de cercetare</b>	<p><b>Contracte de cercetare-dezvoltare-inovare</b></p> <ul style="list-style-type: none"> <li>➤ Coordonator al activităților UPT de integrare în conceptul de Universități Europene, printr-o serie de proiecte Erasmus+ sau Horizon-Europe (E3UDRES2, EINS, Ent-r-e-novators, Accelerate FutureHEI)</li> <li>➤ Director / coordonator pentru Romania a 27 proiecte europene de cercetare-dezvoltare-inovare finanțate de către Comisia Europeană, în valoare de peste 3.000.000 Euro și membru în echipa de implementare a altor 21 proiecte.</li> <li>➤ Director a 3 proiecte naționale de cercetare-dezvoltare și membru în echipa de implementare a altor 4 proiecte.</li> <li>➤ Coordonator a 4 proiecte finanțate din Fonduri Structurale Europene și membru în echipa de implementare a altor 5 proiecte.</li> </ul> <p>Lista celor mai importante contracte este prezentată în <b>Anexa 2</b>.</p>

## Activitate de cercetare

### Cercetare in cadrul conducerii de doctorat

- Coordonator a 11 doctoranzi în stagi
- 11 doctoranzi cu teza finalizată și susținută
- Participant ca referent oficial în 42 comisii de doctorat
- Membru în 14 comisii de evaluare a tezei de abilitare

Timisoara, septembrie 2023

# ANEXA 1 – LISTA EXTINSĂ A PUBLICATIILOR

Prof.dr.ing. RADU ADRIAN VASIU

Autor/coautor a 12 cărți apărute în edituri naționale, editor a 4 volume de conference proceedings apărute în edituri internaționale și 1 în editură națională, 16 capitole în cărți apărute în edituri internaționale și 3 în edituri naționale, 4 manuale pentru studenți, 3 monografii și peste 200 de lucrări publicate în diverse jurnale internaționale și volume de lucrări.

Peste 1.000 citări în reviste sau proceedings-uri indexate WoS, Scopus sau Google Scholar.

Lista extinsă a celor mai importante publicații:

## Cărți și capitole de carte publicate

- 1) Silviu Vert, Diana Andone, Andrei Ternauciuc, Vlad Mihaescu, Oana Rotaru, Muguras Mocofan, Ciprian Orhei, Radu VasIU, *User Evaluation of a Multi-Platform Digital Storytelling Concept for Cultural Heritage*, chapter in Computational Intelligence and Human-Computer Interaction. Modern Methods and Applications, (Eds. Grigoreta-Sofia Cojocar, Adriana-Mihaela Guran), MDPI Basel, ISBN 978-3-0365-3938-6, 2022, pp. 41-64, reprinted from Mathematics 2021, 9, 2678
- 2) Diana Andone, Radu VasIU, *A MOOC Course on Digital Skills and Social Inclusion for Creative Industries*, capitol în "Digital Culture in Education, Science and Technology", IAFES Publications, Vienna, 2021, ISBN 978-3-9505150-0-8, pp. 15-34, 179 pag
- 3) Muguras Mocofan, Radu VasIU, *Teaching for Digital Skills in IoT Technologies During COVID-19*, capitol în "Digital Culture in Education, Science and Technology", IAFES Publications, Vienna, 2021, ISBN 978-3-9505150-0-8, pp. 141-148, 179 pag
- 4) Diana Andone, Radu VasIU, *The eLearning Centre of the Politehnica University of Timisoara, Romania, during the Pandemic Crisis*, capitol în "Education & Research During COVID19. International Reports & Essays", IAFES Publications, Vienna, 2021, ISBN 978-3-9503983-9-7, pp. 17-29, 193 pag
- 5) Nicolae Herisanu, Radu VasIU, Mohsen Razzaghi (Eds.), *Proceedings of the 1st International Conference on Computational Methods and Applications in Engineering ICCMAE 2018*, 23-25 May 2018, Timisoara, Romania, ITM Web of Conferences, vol. 29, 2019, eISSN 2271-2097
- 6) Radu VasIU, *The Internet of Things. Impact on Society and Education*, capitol în "Access to Knowledge in the 21st Century. The Interplay of Society, Education, ICT and Philosophy", IAFES Publications, Vienna, 2018, ISBN 978-3-9503983-5-9, pp. 127-137, 287 pag
- 7) Kinshuk, Demetrios Sampson, Radu VasIU, Maiga Chang, Nian-Shing Chen, Ronghuai Huang, *Proceedings of the 17th IEEE International Conference on Advanced Learning Technologies (ICALT) 2017*, 3-7 July 2017, Timisoara, ISBN 978-153863870-5, ISSN 2161-377X, 545 pag, copies in 176 libraries, according to WorldCat
- 8) Radu VasIU, *Green ICT: A Real World Challenge for the Industry*, capitol în "Aristotelian Thinking. Impact on the Technological Evolution and Social Progress", IAFES Publications, Vienna, 2017, ISBN 978-3-9503983-3-2, pp. 95-106, 283 pag.
- 9) Radu VasIU, *Smart City - Smart Learning. Is there a Correlation?*, capitol în "Smart Learning", IAFES Publications, Vienna, 2016, ISBN 978-3-9503983-3-5, pp. 17-24, 127 pag.
- 10) Radu VasIU, *Development of Smart City Applications Based on Open Data*, capitol în "Open Data and Big Data - The Impact on Digital Society and Smart Cities", IAFES Publications, Vienna, 2015, ISBN 978-3-9503983-1-1, pp. 45-66, 317 pag.

- 11) Radu VasIU, Diana Andone, Vlad Mihăescu, 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
- 12) 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
- 13) 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
- 14) 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
- 15) Radu VasIU, Diana Andone, *Ideas and Concepts of ViCaDiS – A Virtual Learning Environment for Digital Students*, capitol în "Multiple Perspectives on Problem Solving and Learning in the Digital Age", Eds. D. Ifenthaler, P. Isaias, J. M. Spector, Kinshuk, D. Sampson, Springer New York, 2011, 398 pages, pp. 359-376, ISBN 978-1-4419-7611-6, E-ISBN 978-1-4419-7612-3, re-edited 2014, copies in 337 libraries, according to WorldCat
- 16) Muguras Mocofan, Radu VasIU, Diana Andone, Iasmina Ermalai, Mihai Onita, *Tehnici informatonale si de comunicare – avansati*, Editura Academiei Oamenilor de Stiinta din Romania, Bucuresti, 2011, ISBN 978-606-8371-58-0, 82 pag.
- 17) Muguras Mocofan, 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.
- 18) Kinshuk, Sampson, Spector, Isaias, Ifenthaler, Radu VasIU (Eds), *Proceedings of the IADIS International Conference CELDA 2010 Cognition and Exploratory Learning in the Digital Age*, IADIS Press, 2010, 316 pag, ISBN 978-972-8939-28-1
- 19) Weghorn, Isaias, Radu VasIU (Eds), *Proceedings of the IADIS International Conference on Applied Computing 2010*, IADIS Press, 2010, 296 pages, ISBN 978-972-8939-30-4
- 20) Radu VasIU, Diana Andone (Ed.): *ViCaDiS – Virtual Campus for Digital Students. Set of Guidelines*, Editura Politehnica, Timișoara, 2009, 187 pag, ISBN 978-606-554-061-3
- 21) Radu VasIU, Mugur Mocofan, *Managementul global al unei clădiri inteligente. Sisteme de securitate*, în „Clădiri inteligente. Sisteme. Tehnologii. Soluții integrate IT&C” (ed. Aurel Vlaicu), U.T. Press, Cluj-Napoca, 2008, pp. 299-344, 412 pag, ISBN 978-973-662-397-4
- 22) Corneliu I. Toma, Florin Alexa, Radu VasIU, *Principiile televiziunii analogice și digitale. Vol. 1 – Televiziune analogică*, Editura Politehnica, Timișoara, 2006, 248 pagini, ISBN: 973-625-267-1, ISBN: 973-625-268-X
- 23) Radu VasIU, Risto Kimari, Diana Andone (Eds.), *Proceedings of the 12th International Conference NETTIES Networking Entities 2006 - The Future of E: Advanced Educational Technologies for a Future e-Europe*, Ed. Orizonturi Universitare, Timisoara, 2006, 286 pag., ISBN 978-973-638-262-8
- 24) Diana Andone, Radu VasIU, Marian Bucos, *The Development of the "Politehnica" University of Timisoara Distance Learning Web Portal*, capitol în "IT, Knowledge, Education, Cooperation and Collaboration", Ed. Johann Guenther, University of the Danube, Krems, Austria, 2004, EATA Press
- 25) Diana Andone, Radu VasIU, Marian Bucos, Artur Muller, Flavius Raicovici, *Experiences in Developing Multimedia Application for People with Disabilities*, capitol în "IT, Knowledge, Education, Cooperation and Collaboration", Ed. Johann Guenther, University of the Danube, Krems, Austria, 2004, EATA Press
- 26) Diana Andone, Radu VasIU, Nicolae Robu, *Experiences in Developing ICT-tools for Web-based Training*, capitol în "Computers and Advanced Technology in Education", Ed: Vladimir Uskov, Bradley Univ. SUA, pp. 565-570, ISBN 0-88986-361-X, ISSN 1482-7905, ACTA Press, Anaheim, Calgary, Zurich, 2003

- 27) Diana Andone, Radu Vasii, Dan Marincu, Flavius Raicovici, *Development of the European Key Competences IT Testing Tool*, capitol în "Technologies for the Future", Eds: S. Katsikides, J. Guenther, G. Zeibekakis, R. Kimari, University of Cyprus, Limassol, Cyprus, 2003, pp. 109-119, EATA Press
- 28) Radu Vasii, *Compresie Audio-Video. Tehnici și aplicații*, Editura Orizonturi Universitare, Timișoara, 2002, 272 pag, ISBN 973-8391-32-6
- 29) Radu Vasii, *Testarea echipamentelor electronice*, Editura Orizonturi Universitare, Timișoara, 2001, 106 pag, ISBN: 973-8109-38-8
- 30) Radu Vasii, Diana Andone, *Învățământul la distanță on-line: tehnologie, metodologie, avantaje, constrângeri*, capitol în "Impactul programului Tempus asupra dezvoltării educației continue și învățământului la distanță în universitățile din România", Editura Ars Docendi, Sibiu, 2001, pp. 108-115, ISBN: 973-8118-37-9
- 31) Dan Lacrămă, Radu Vasii, Florin Alexa, *Flexible Word Division Into Characters*, capitol în "Signal Processing, Communications and Computer Science", Ed: Nikos E. Mastorakis, World Scientific and Engineering Society Press, 2000, pp. 173-176, ISBN 960-8052-18-1
- 32) Radu Vasii, Diana Andone, David Evans, *Online Learning in Romania – International Co-operation through Information and Communications Technology*, capitol în "The Best Practices in the Information Society", Ed: Risto Kimari, Oulu Polytechnic, Finland, 2000, pp. 79-83, ISBN 951-597-016-4, EATA Press
- 33) Nicolas Pelissier, Radu Vasii, David Evans, *The Introduction of Internet in Eastern Europe: the case of Romanian Journalists*, capitol în "Mass Media and the Information Society", Franța, 1999, pp. 153-164
- 34) Radu Vasii, Andreja Samcovic, Zoran Bojkovic, *Mathematical Morphology Tools for Gray-Scale Image Compression*, capitol în "Recent Advances in Signal Processing and Communications", Ed. Nikos E. Mastorakis, World Scientific and Engineering Society Press, 1999, pp. 201-204, ISBN 960-8052-03-3
- 35) Corneliu Toma, Radu Vasii, Diana Andone, Dan Pescaru, *The open Access Multimedia Learning Centre and Its Role in Introducing Flexible Education Methods*, capitol în "Universities in their Social and Economical Environment", European Tempus Office, 1998, pp. 80-85
- 36) Radu Vasii, *Study of the Compression Methods Used in Digital Image Processing and Transmission*, PhD Thesis, University of Central Lancashire, Preston, UK, 1998, 217 pag.
- 37) Radu Vasii, *Studiul metodelor de compresie utilizate în prelucrarea și transmiterea numerică a imaginilor*, Teza de doctorat, Centrul de multiplicare UPT, 1998, 217 pag.
- 38) Zoran Bojkovic, Corneliu Toma, Vasile Gui, Radu Vasii, *Advanced Topics in Digital Image Compression*, Editura Politehnica, Timișoara, 1997, 402 pag, ISBN: 973-97970-7-5

### **Monografii publicate**

- 1) Radu Vasii, Diana Andone, *Centrul Multimedia – primii douăzeci de ani / Multimedia Centre – the first twenty years*, Editura Politehnica, Timișoara, 2016, 220 pages, ISBN 978-606-35-0065-7
- 2) Nicolae Robu, Radu Vasii, 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
- 3) Radu Vasii, Corneliu Toma, Diana Andone: *Amintiri despre Multimedia / Memories of Multimedia*, Editura Politehnica, Timisoara, 2009, 106 pages, ISBN 978-973-625-965-4

### **Manuale didactice și îndrumătoare de laborator publicate**

- 1) Radu Vasii, Florin Alexa, Dan-Laurențiu Lacrămă, *Electronică analogică. Îndrumător de lucrări de laborator*, Centrul de Multiplicare UPT, 1994, 130 pag.

- 2) Radu Vasii, *Digital and High Definition Television*, Tipografia University of Central Lancashire, Preston, UK, 1993, 133 pag.
- 3) Corneliu I. Toma, Marius Ottesteanu, Vasile Gui, Radu Vasii, *Televiziune. Vol. 1. Inregistrarea magnetică și prelucrarea numerică a imaginilor*, Centrul de Multiplicare UPT, 1991, 292 pag.
- 4) Corneliu I. Toma, Vasile Gui, Marius Ottesteanu, Radu Vasii, *Dispozitive și circuite electronice, vol. III - Amplificatoare și oscilatoare*, Centrul de Multiplicare UPT, 1987, 280 pag.

### Articole publicate în jurnale indexate WoS

- 1) Ciprian Orhei, Radu Vasii, *An analysis of extended and dilated filters in sharpening algorithms*, IEEEAccess, vol. 11, 2023, e-ISSN 2169-3536, doi: 10.1109/ACCESS.2023.3301453, (Q2 journal, IF 2022 - 3.9, 5 year - 4.1)
- 2) Sebastian Avram, Radu Vasii, *Passive power line communication filter design and bench-marking using scattering parameters*, Applied Sciences-Basel, vol. 13, Issue 11, 2023, 18 pages, art. number 6821, e-ISSN 2076-3417, doi: 10.3390/app13116821, WOS:001006564200001 (Q2 journal, IF 2020 - 2.679, 5 year - 2.736)
- 3) Ciprian Orhei, Victor Bogdan, Cosmin Bonchis, Radu Vasii, *Dilated Filters for Edge-Detection Algorithms*, Applied Sciences-Basel, vol. 11, issue 22, Nov 2021, art. number 10716, e-ISSN 2076-3417, WOS:000725536600001 (Q2 journal, IF 2020 - 2.679, 5 year - 2.736)
- 4) Silviu Vert, Diana Andone, Andrei Ternauciu, Vlad Mihaescu, Oana Rotaru, Muguras Mocofan, Ciprian Orhei, Radu Vasii, *User Evaluation of a Multi-Platform Digital Storytelling Concept for Cultural Heritage*, Mathematics, Vol. 9, Issue 21, Nov 2021, art. number 2678, 24 pages, e-ISSN 2227-7390, WOS:000750692000001 (Q1 journal, IF 2020 - 2.258, 5 year - 2.165)
- 5) Ciprian Orhei, Silviu Vert, Muguras Mocofan, Radu Vasii, *End-To-End Computer Vision Framework: An Open-Source Platform for Research and Education*, SENSORS, vol. 21, issue 11, Jun 2021, art number 3691, e-ISSN 1424-8220, WOS:000660684600001 (Q1 journal, IF 2020 - 3.576, 5 year - 3.735)
- 6) Victor Holotescu, Radu Vasii, *Challenges and Emerging Solutions for Public Blockchains*, BRAIN - Broad Research in Artificial Intelligence and Neuroscience Journal, ISSN 2068-0473, e-ISSN 2067-3957, Vol. 11, issue 1, March 2020, pp. 58-83, WOS:000520844100005
- 7) Victor Holotescu, Radu Vasii, Diana Andone, *A Critical Analysis of Mobile Applications for Learning. Study Case: Virtual Campus App*, BRAIN - Broad Research in Artificial Intelligence and Neuroscience Journal, ISSN 2068-0473, e-ISSN 2067-3957, Vol. 9, 2018, pp. 110-117, WOS:000435399500012
- 8) Silviu Vert, Radu Vasii, *Data Profiling in a Mobile Touristic Augmented Reality Application for Smart Environments based on Linked Open Data*, Interaction Design and Architectures Journal - IxD&A, ISSN 1826-9745, e-ISSN 2283-2998, vol. 31, issue 1, 2016, pp. 43-58, WOS:000399369200005
- 9) Alke Martens, Radu Vasii, Annika Wolff, *Smart Learning Ecosystems and Regional Development PREFACE*, Interaction Design and Architectures Journal - IxD&A, ISSN 1826-9745, e-ISSN 2283-2998, vol. 31, issue 1, 2016, pp. 3-4, WOS:000399369200001
- 10) Andrei Ternauciu, Radu Vasii, *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, WOS:000375954100011
- 11) Bogdan Drăgulescu, Marian Bucos, Radu Vasii, *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, WOS:000375954000004

- 12) 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
- 13) 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
- 14) Andrei Gabor, Radu VasIU, *Integration Solutions for Video Data in Educational Platforms*, International Journal of Emerging Technologies in Learning (IJET), e-ISSN 1863-0383, ISSN 1868-8799, vol. 9, no. 8, May 26, 2014, pp. 11-15, Kassel University Press, Germany, WOS:000215482400002 (Q2 Journal, IF 2021 - 1,13)
- 15) Iasmina Ermalai, Bogdan Drăgulescu, Andrei Ternauciu, Radu VasIU, *Building a Module for Inserting Microformats into Moodle*, Advances in Electrical and Computer Engineering Journal, ISSN 1582-7445, e-ISSN 1844-7600, Vol. 13, nr. 3, 2013, pp. 23-26, WOS:000326321600004 (Q4 journal, IF 2020 - 1,221, 5 year 0.961)
- 16) Muguraș Mocofan, Radu VasIU, *A 3D Approach to Co-occurrence Matrix Features used in Dynamic Textures Indexing*, Conference on Interdisciplinary Research in Engineering Steps towards Breakthrough Innovation for Sustainable Development (INTERIN 2013), in Advanced Engineering Forum, Trans Tech Publications, Switzerland, vol. 8-9, June 2013, pp. 516-526, ISBN:978-3-03785-785-4, ISSN 2234-9898, WOS:000323184000058

#### **Lucrări științifice publicate în conference proceedings indexate WoS**

- 1) Vlad Mihaescu, Diana Andone, Silviu Vert, Andrei Ternauciu, Radu VasIU, *Digital Tools and MOOCs Analysis as Student Exam Activities*, 2022 International Conference on Advanced Learning Technologies (ICALT 2022), Bucharest, Romania, 01-04 July 2022, pp. 33-35, ISBN 978-1-6654-9519-6, ISSN 2161-3761, WOS:00088510270001
- 2) Diana Andone, Radu VasIU, Razvan Bogdan, Vlad Mihaescu, Silviu Vert, Alexandru Iovanovici, Valentin Ciupe, Florin Dragan, *International Innovative Labs – I-Living-Labs*, 2022 IEEE Global Engineering Conference (EDUCON 2022), Gammarth, Tunisia, 28-31 March 2022, pp. 1480-1489, ISBN978-1-6654-4434-7, ISSN2165-9567, WOS:000836390500216
- 3) Ciprian Orhei, Lucian Radu, Mugur Mocofan, Silviu Vert, Radu VasIU, *CBIR for Urban Building using A-KAZE Features*, 2021 IEEE 27th International Symposium for Design and Technology in Electronic Packaging (SIITME 2021), online, 25-30 Oct 2021, Timisoara, Romania, pp. 218-221, ISSN 2641-287X, ISBN 978-1-6654-2110-2, WOS:000786441900052
- 4) Ciprian Orhei, Muguras Mocofan, Silviu Vert, Radu VasIU, *An Analysis of ED Line Algorithm in Urban Street-View Dataset*, 27th International Conference on Information and Software Technologies (ICIST 2021), Kaunas, Lithuania, 14-16 October 2021, published in Communications in Computer and Information Science CCIS, Vol. 1486, pp. 123-135, Springer Nature Switzerland, 2021, ISSN 1865-0929, eISSN 1865-0937, ISBN 978-3-030-88303-4, eISBN 978-3-030-88304-1, WOS:000869711400010 - BEST PAPER AWARD
- 5) Ciprian Orhei, Silviu Vert, Muguras Mocofan, Radu VasIU, *TMBud: A Dataset for Urban Scene Building Detection*, 27th International Conference on Information and Software Technologies (ICIST 2021), Kaunas, Lithuania, 14-16 October 2021, published in Communications in Computer and Information Science CCIS, Vol. 1486, pp. 251-262, Springer Nature Switzerland, 2021, ISSN 1865-0929, eISSN 1865-0937, ISBN 978-3-030-88303-4, eISBN 978-3-030-88304-1, WOS:000869711400020



- 6) Ciprian Orhei, Muguras Mocofan, Silviu Vert, Radu VasIU, *An Automated Threshold Edge Drawing Algorithm*, 2021 44th International Conference on Telecommunications and Signal Processing (TST), online, 26-28 July 2021, pp. 292-295, ISBN: 978-1-6654-2933-7, WOS: 000701604600063
- 7) Diana Andone, Andrei Ternauciuc, Silviu Vert, Muguras Mocofan, Vlad Mihaescu, Daniela Stoica, Radu VasIU, *Learning with Open CulturalData - Jecza Museum for DigiCulture Study Case*, IEEE 21st International Conference on Advanced Learning Technologies (ICALT 2021), July 12-15, 2021, online, ISSN: 2161-3761, ISBN: 978-1-6654-4106-3, pp. 17-19, WOS:000719352000006
- 8) Diana Andone, Vlad Mihaescu, Andrei Ternauciuc, Silviu Vert, Radu VasIU, Muguras Mocofan, *DigiCulture – courses for enhancing digital competences*, IEEE Global Engineering Education Conference EDUCON 2021, 21-23 April 2021, Vienna, Austria, ISBN 978-1-7281-8478-4, ISSN 2165-9567, pp. 1062-1066, WOS:000689064100157
- 9) Ciprian Orhei, Muguras Mocofan, Silviu Vert, Radu VasIU, *End-to-End Computer Vision Framework*, 2020 14th International Symposium on Electronics and Telecommunications (ISETC), Timisoara, 5-6 Nov. 2020, pp. 63-66, ISBN 978-1-7281-8921-5, ISSN: 2475-787X, WOS:000612681000017
- 10) Diana Andone, Andrei Ternauciuc, Radu VasIU, Vlad Mihaescu, Silviu Vert, *DigiCulture – an open education environment for digital skills*, 2020 IEEE 20th International Conference on Advanced Learning Technologies (ICALT 2020), Tartu, Estonia, 06-09 July 2020, pp. 24-26, ISBN 978-1-7281-6090-0, ISSN 2161-3761, WOS:000620344900011
- 11) Diana Andone, Vlad Mihaescu, Silviu Vert, Andrei Ternauciuc, Radu VasIU, *Students as OERs (Open Educational Resources) co-creators*, 2020 IEEE 20th International Conference on Advanced Learning Technologies (ICALT 2020), Tartu, Estonia, 06-09 July 2020, pp. 34-38, ISBN 978-1-7281-6090-0, ISSN 2161-3761, WOS:000620344900007
- 12) Andrei Ternauciuc, Mihaescu Vlad, Radu VasIU, Diana Andone, *Integrating Open Technologies in the Virtual Mobility Learning Hub*, 19th IEEE International Conference on Advanced Learning Technologies (ICALT 2019), Maceio, Brazil, 15-18 July 2019, pp. 24-28, , ISBN 978-1-7281-3485-7, ISSN: 2161-3761, e-ISSN 2161-377X, ISBN:978-1-7281-3485-7, WOS:000539155500007
- 13) Radu VasIU, Diana Andone, *An Analyze and Actions to Increase the Quality in STEM Higher Education*, 9th IEEE Integrated STEM Education Conference (ISEC 2019), 16-17 March 2019, Princeton University, New Jersey, USA, pp. 295-299, ISBN 978-1-7281-1502-3, ISSN 2330-331X, WOS:000609974500060
- 14) Victor Holotescu, Diana Andone, Radu VasIU, *Developing Hybrid Mobile Applications for Learning*, 13th IEEE International Symposium on Electronics and Telecommunication (ISETC'18), Timisoara, 8-9 November 2018, ISBN 978-1-5386-5925-0, ISSN 2475-787X, pp. 347-350, WOS:000463031500077
- 15) Diana Andone, Silviu Vert, Mark Frydenberg, Radu VasIU, *Open Virtual Reality Project to Improve Students' Skills*, 18th IEEE International Conference on Advanced Learning Technologies (ICALT), Mumbai, India, 9-13 July 2018, pp. 6-10, BEST PAPER AWARD (in the full paper category), ISBN 978-1-5386-6049-2, ISSN 2161-3761, WOS:000543010500002
- 16) Silviu Vert, Radu VasIU, *Augmented Reality Lenses for Smart City Data: The Case of Building Permits*, World Conference on Information Systems and technologies (WorldCIST), Madeira, Portugal, 11-13 April 2017, pp. 521-527, in "Recent Advances in Information Systems and Technologies", vol. 1, Springer International Publishing Switzerland, ISBN 978-3-319-56534-7, e-ISBN 978-3-319-56535-4, ISSN 2194-5357, e-ISSN 2194-5365, WOS:000425543100053
- 17) Diana Andone, Andrei Ternauciuc, Radu VasIU, *Using Open Education Tools for a Higher Education Virtual Campus*, 17th IEEE International Conference on Advanced Learning Technologie (ICALT), Timisoara, 3-7 July 2017, pp. 26-30, ISSN 2161-3761, ISBN 978-1-5386-3870-5, WOS:000427129000008

- 18) Diana Andone, Radu VasIU, Andrei Ternauciuc, *UniCampus: the First Courses in a Romanian MOOC*, 8th IEEE Global Engineering Education Conference (EDUCON), Athens, Greece, 25-28 April 2017, pp. 1210-1214, ISBN 978-1-5090-5467-1, ISSN 2165-9567, OUTSTANDING PERFORMANCE PAPER, WOS:000405192300183
- 19) Sebastian Avram, Andreea-Mirela Safta, Cătălin Căleanu, Radu VasIU, *Hardware and Software Implementation of an Embedded Metering Webserver*, 40th International Conference on Telecommunications and Signal Processing (TSP 2017), 5-7 July 2017, Barcelona, Spain, pp. 43-46, ISBN 978-1-5090-3982-1, WOS:000425229000009
- 20) Diana Andone, Radu VasIU, *MOOCs in Higher Education - Flipped Classroom or a New Smart Learning Model?*, 2nd Int Conf on Smart Learning Environments (ICSLE), Sinaia, 23-25 sept 2015, in State-of-the-Art and Future Directions of Smart Learning, book series: Lecture Notes in Educational Technology, Springer-Verlag Singapore, 2016, pp. 303-307, ISBN:978-981-287-868-7; 978-981-287-866-3, ISSN: 2196-4963, WOS:000389703400037
- 21) Vlad Mihăescu, 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, WOS:000380576300060
- 22) 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, ISSN 1949-047X, pp. 263-268, WOS:000376677600048
- 23) Onița 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, in CCIS Springer-Verlag Berlin, vol. 538, ISSN 1865-0929, ISBN 978-3-319-24769-4, pp. 127-137, WOS:000369179100012
- 24) Ostreika Armantas, VasIU Radu, Gudoniene Daina, Maskeliunas Rytis, Rutkauskiene 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, in CCIS Springer-Verlag Berlin, vol. 538, ISSN 1865-0929, ISBN 978-3-319-24769-4, pp. 138-150, WOS:000369179100013
- 25) 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, ISBN:978-1-5090-0053-1, ISSN: 1848-1744, WOS:000376996200059
- 26) Andrei Rusan, Radu VasIU, *Emulation of Backhaul Packet Loss on the LTE S1-U Interface and Impact on End User Throughput*, 11th IEEE International Conference on Intelligent Computer Communication and Processing (ICCP) 2015, Cluj-Napoca, 3-5 September 2015, ISBN 978-1-4673-8200-7, ISSN: 2065-9946, pp. 529-536, WOS:000377121700070
- 27) 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, in CCIS Springer-Verlag Berlin, vol. 538, ISSN 1865-0929, ISBN 978-3-319-24769-4, pp. 115-126, WOS:000369179100011
- 28) 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, WOS:000380576300045

- 29) Sorin Pețan, Muguras Mocofan, Radu Vasu, *Personality Detection in Interactive Video*, 10th International Scientific Conference on eLearning and Software for Education ELSE 2014, Bucharest, 24-25 April 2014, ISSN 2066-026X, vol. 2, pp. 385-392, WOS:000357159300061
- 30) Vlad Mihaescu, Radu Vasu, *Wrapping MOOCs – Analysis from a Technological Perspective*, 10th International Scientific Conference on eLearning and Software for Education ELSE 2014, Bucharest, 24-25 April 2014, ISSN 2066-026X, vol. 1, pp. 261-264, WOS:000357153000037
- 31) Sorin Pețan, Muguraș Mocofan, Radu Vasu, *Enhancing Learning in Massive Open Online Courses through Interactive Video*, 10th International Scientific Conference on eLearning and Software for Education ELSE 2014, Bucharest, 24-25 April 2014, ISSN 2066-026X, vol. 1, pp. 291-297, WOS:000357153000042
- 32) Vlad Mihăescu, Radu Vasu, Diana Andone, *Developing a MOOC: The Romanian Experience*, 13th 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
- 33) Radu Vasu, 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, WOS:000381566500052
- 34) Vlad Mihăescu, Radu Vasu, *Use of Web 2.0 and Web 3.0 in Developing a MOOC Platform*, 7th International Conference of Education, Research and Innovation, ICERI 2014, 17-19 Nov 2014, Seville, Spain, pp. 3803-3809, ISSN 2340-1095, ISBN 978-84-617-2484-0, WOS:000367082903125
- 35) Silviu Vert, Radu Vasu, *Integrating Linked Data in Mobile Augmented Reality Applications*, 20th International Conference on Information and Software Technologies ICIST 2014, 9-10 October 2014, Druskininkai, Lithuania, in CCIS Springer-Verlag Berlin, vol. 465, ISBN:978-3-319-11957-1, ISSN 1865-0929, pp. 324-333, WOS:000360092900026
- 36) Silviu Vert, Radu Vasu, *Relevant Aspects for the Integration of Linked Data in Mobile Augmented Reality Applications for Tourism*, 20th International Conference on Information and Software Technologies ICIST 2014, 9-10 October 2014, Druskininkai, Lithuania, in CCIS Springer-Verlag Berlin, vol. 465, ISBN:978-3-319-11957-1, ISSN 1865-0929, pp. 334-345, WOS:000360092900027
- 37) Sorin Pețan, Ligia Pețan, Radu Vasu, *Interactive Video in Knowledge Management: Implications for Organizational Leadership*, 12th International Symposium in Management (SIM), Timisoara, 11-12 oct 2013, in Procedia Social and Behavioral Sciences, vol. 124, 20 March 2014, pp. 478-485, ISSN 1877-0428, WOS:000361385500058
- 38) Gheorghe Mûlec, Radu Vasu, Flaviu Frigură-Iliasa, *Distributed Flow Controller for Mobile Ad-Hoc Networks*, 8th 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
- 39) Andrei Marius Gabor, Radu Vasu, Gaga Loghin, *Video Data Used 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
- 40) Andrei Marius Gabor, Radu Vasu, *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
- 41) Daniel Ivanc, Radu Vasu, Mihai Onița, *Usability Evaluation of a LMS Mobile Web Interface*, 18th International Conference on Information and Software Technologies, ICIST 2012, Kaunas, Lithuania, 13-14 Sept. 2012, in CCIS Springer-Verlag Berlin, vol. 319, e-ISBN 978-3-642-33308-8, ISSN 1865-0929, pp. 348-361, WOS:000312463800029

- 42) Andrei Marius Gabor, Radu VasIU, *Interdisciplinarity in e-Learning Platforms Based on Textual Annotation*, 18th International Conference on Information and Software Technologies, ICIST 2012, Kaunas, Lithuania, 13-14 Sept. 2012, in CCIS Springer-Verlag Berlin, vol. 319, e-ISBN 978-3-642-33308-8, ISSN 1865-0929, pp. 362-372, WOS:000312463800030
- 43) Iasmina Ermalai, Mihai Onița, Radu VasIU, *Testing the Viability of Podcasting in a Particular eLearning System*, 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
- 44) Radu VasIU, Diana Andone, Nicolae Robu, *Ideas and Concepts of ViCaDiS - A Virtual Campus for Digital Students*, International Conference on Cognition and Exploratory Learning in Digital Age (CELDA 2009), Rome, Italy, 20-22 November 2009, in Multiple Perspectives on Problem Solving and Learning in the Digital Age, Springer New York, 2011, pp. 359-376, ISBN:978-1-4419-7611-6, WOS:000395616500023
- 45) Iasmina Ermalai, Radu VasIU, *Study Cases on Specific LMSs Used in Romania and Worldwide*, 13th WSEAS International Conference on Communications, Rhodes, Greece, 23-25 July 2009, pp. 111-116, ISSN 1790-5117, ISBN 978-960-474-098-7, ISSN: 1790-5117, WOS:000270024200017
- 46) Iasmina Ermalai, Mugur Mocofan, Mihai Onița, Radu VasIU, *Adding Semantics to Online Learning Environments*, 5th International Symposium on Applied Computational Intelligence and Informatics SACI 2009, Timisoara, 28-29 May 2009, pp. 559-563, e-ISBN 978-1-4144-4478-6, ISBN 978-1-4244-4477-9, WOS:000273929400102
- 47) Mugur Mocofan, Radu VasIU, Marian Bucos, Mihai Onița, Iasmina Ermalai, *Multimedia interfaces in the control process of smart buildings using 3D scenes, flash, animations and relational databases*, Proceedings of the 11th International Conference Optimization of Electrical and Electronic Equipment OPTIM 2008, Brasov, Romania, 22-23 May 2008, pp. 213-216, ISBN 978-1-4244-1544-1, WOS:000258474700036
- 48) Radu VasIU, *Special issue on the NETTIES (Networking Entities) International Conference, held in Timisoara, Romania on 6-9 September 2006*, Bulletin of the Technical Committee on Learning Technology, vol. 9, issue 1, pp. 2-3, Jan 2007, ISSN: 2306-0212, WOS:000421501400001
- 49) Radu VasIU, Diana Andone, Marian Bucos, *The implementation of an International master in Multimedia - a model for a Europe wide degree*, Bulletin of the Technical Committee on Learning Technology, vol. 9, issue 1, pp. 16-19, Jan 2007, ISSN: 2306-0212, WOS:000421501400005
- 50) Radu VasIU, Nicolae Robu, Diana Andone, Marian Bucos, *Is it eLearning a viable solution in Romania?*, 5th IEEE International Conference on Advanced Learning Technologies, ICALT 2005, 5-8 Iulie 2005, Kaohsiung, Taiwan, ISBN 0-7695-2338-2, pp. 995-999, WOS:000230898800290

#### **Articole publicate în jurnale indexate BDI**

- 1) 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, febr 2016, pp. 24-40
- 2) 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
- 3) 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

- 4) Andrei Gabor, Radu Vasii, *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
- 5) Andrei Marius Gabor, Radu Vasii, *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
- 6) Bogdan Drăgulescu, Iasmina Ermalai, Marian Bucos, Radu Vasii, "*Metadata Methods for Improving Usability in Moodle*", International Journal of Web Engineering, Vol. 1, No. 1, 2012, pp. 6–10
- 7) Sorin Pețan, Radu Vasii, *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
- 8) Andrei Marius Gabor, Radu Vasii, *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
- 9) Iasmina Ermalai, Mihai Onița, Muguraș Mocofan, Radu Vasii, *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
- 10) Iasmina Ermalai, Diana Andone, Radu Vasii: *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
- 11) Radu Vasii, Muguras Mocofan, 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
- 12) Radu Vasii, 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
- 13) Radu Vasii, Muguras Mocofan, Iulia Radu: *Scenario Control for Smart Buildings Using Relational Databases*, Acta Technica Napocensis, ISSN 1221-6542, vol. 48, nr. 3/2007, pp. 54-57
- 14) Diana Andone, Radu Vasii: *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
- 15) Radu Vasii, Mugur Mocofan: *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
- 16) Radu Vasii, 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
- 17) Vasile Gui, Radu Vasii: *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

## Lucrări științifice publicate în conference proceedings indexate BDI

- 1) Ciprian Orhei, Lucian Radu, Muguras Mocofan, Silviu Vert, Radu VasIU, *Urban landmark detection using A-KAZE features and vector of aggregated local descriptors*, 15th IEEE International Symposium on Electronics and Telecommunications (ISETC'22), Timisoara, 10-11 November 2022, pp. 53-56, ISBN 979-8-3503-4621-3
- 2) Marius Tataru, Silviu Berzescu, Silviu Vert, Vlad Mihaescu, Radu Stamatoiu, Radu VasIU, *Designing Applications for Collaborative Learning in Virtual Reality*, 15th IEEE International Symposium on Electronics and Telecommunications (ISETC'22), Timisoara, 10-11 November 2022, pp. 163-166, ISBN 979-8-3503-4621-3
- 3) Ciprian Orhei, Radu VasIU, *Image sharpening using dilated filters*, 2022 16th IEEE International Symposium on Applied Computational Intelligence and Informatics (SACI 2022), pp. 117-122, Timisoara, 25 May - 28 May 2022, ISBN 978-166548125-0
- 4) Diana Andone, Radu VasIU, Vlad Mihaescu, Andrei Ternauciu, Silviu Vert, *Together online in education – building a community*, EDUCON 2022 – IEEE Global Engineering Education Conference, 28-31 March 2022, Tunis
- 5) Vlad Mihăescu, Diana Andone, Radu VasIU, *DigiCulture MOOC Courses Piloting with Students*, 7th European MOOCs Stakeholders Summit (EMOOCs 2021) and Learning at Scale (L@S), Hasso Plattner Institute, Potsdam, Germany, Online, 22-24 June 2021, pp. 275-279, ISBN 978-3-86956-512-5
- 6) Carmen Holotescu, Diana Andone, Radu VasIU, Victor Holotescu, Marius Dorian Nicolaescu, Cosmin Cioranu, Adrian Curaj, *Implementing a National System for Diplomas and Micro-Credentials on Blockchain. Case Study: EBSI4RO*, 17th International Scientific Conference eLearning and Software for Education, Bucharest, April 22-23, 2021, vol. 2, ISSN 2066-026X, e-ISSN 2543-7669
- 7) Diana Andone, Andrei Ternauciu, Vlad Mihaescu, Hendrik Knoche, Bastian IIsø Hougaard, Ingeborg Goll Rossau, Radu VasIU, *Course Certification and Open Badges for Digital Culture Education*, 13th International Conference on Education and New Learning Technologies (EDULEARN 2021), Online, 5-6 July 2021, pp. 11929-11938, ISBN 978-84-09-31267-2, ISSN 2340-1117
- 8) Ciprian Orhei, Muguras Mocofan, Silviu Vert, Radu VasIU, *An Analysis of ED Line Algorithm in Urban Street-View Dataset*, 27th International Conference on Information and Software Technologies (ICIST 2021), Kaunas, Lithuania, 14-16 October 2021, published as chapter in Communications in Computer and Information Science CCIS, Vol. 1486, pp. 123-135, Springer Nature Switzerland, 2021, ISSN 1865-0929, ISBN 978-3-030-88303-4, eISBN 978-3-030-88304-1
- 9) Ciprian Orhei, Silviu Vert, Muguras Mocofan, Radu VasIU, *TMBud: A Dataset for Urban Scene Building Detection*, 27th International Conference on Information and Software Technologies (ICIST 2021), Kaunas, Lithuania, 14-16 October 2021, published as chapter in Communications in Computer and Information Science CCIS, Vol. 1486, pp. 251-262, Springer Nature Switzerland, 2021, ISSN 1865-0929, ISBN 978-3-030-88303-4, eISBN 978-3-030-88304-1
- 10) Radu Stamatoiu, Silviu Vert, Radu VasIU, *Development and Usability Evaluation of a Virtual Reality Application for Exploring University Labs*, International Conference on Human-Computer Interaction - RoCHI 2021, 16-17 September 2021, Bucharest, Romania, ISSN 2501-9422, pp. 155-162
- 11) Diana Andone, Radu VasIU, Vlad Mihaescu, Daniela Stoica, Silviu Vert, Andrei Ternauciu, Muguras Mocofan, *Developing Digital Competences for Creative Industries - DigiCulture Courses*, 15th International Technology, Education and Development Conference INTED 2021, 8-9 March 2021, pp. 10100–10108, ISBN 978-84-09-27666-0, ISSN 2340-1079
- 12) Loredana Nicoleta Paven, Maria Lucia Crauciu, Sebastian Avram, Radu VasIU, Dan Chiciudean, *Hardware and Software Implementation of a Self-Calibrating Smart Meter with Tamper Detection*,

- 2021 10th International Conference on Energy and Environment (CIEM 2021), Bucharest, 14-15 Oct 2021, code 175003, ISBN 978-166544584-9
- 13) Ciprian Orhei, Silviu Vert, Radu VasIU, *A Novel Edge Detection Operator for identifying Buildings in Augmented Reality Applications*, 26<sup>th</sup> International Conference ICIST 2020, Kaunas, Lithuania, Oct 15-17, 2020, series CCIS 1283, pp. 208-219, ISBN 978-3-030-59505-0, e-ISBN 978-3-030-59506-7
  - 14) Oana Alexandra Rotaru, Silviu Vert, Radu VasIU, Diana Andone, *Standardised Questionnaires in Usability Evaluation. Applying Standardised Usability Questionnaires in Digital Products Evaluation*, 26<sup>th</sup> International Conference ICIST 2020, Kaunas, Lithuania, Oct 15-17, 2020, series CCIS 1283, pp. 39-48, ISBN 978-3-030-59505-0, e-ISBN 978-3-030-59506-7
  - 15) Diana Andone, Silviu Vert, Radu VasIU, Oana Rotaru, Vlad Mihaescu, Daniela Stoica, Victor Holotescu, *Usability Evaluation of the mobile application for the Virtual Mobility Learning Hub*, European Distance and E-Learning Network (EDEN) Proceedings2020 Research Workshop | Lisbon, 21-23 October, 2020
  - 16) Diana Andone, Andrei Ternauciuc, Radu VasIU, Vlad Mihaescu, *DigiCulture – The development of Open Education Learning for Digital Skills Training*, 29<sup>th</sup> EDEN Annual Conference “Human and artificial intelligence for the society of the future. Inspiring digital education for the next STE(A)M student generation, 22-24 June 2020, Timisoara, Romania
  - 17) Diana Andone, Silviu Vert, Radu VasIU, Oana Rotaru, Vlad Mihaescu, Daniela Stoica, Victor Holotescu, *Usability Evaluation of the Mobile Application for Virtual Mobility Learning Hub*, 29th EDEN Annual Conference “Human and Artificial Intelligence for the Society of the Future. Inspiring digital education for the next STE(A)M student generation", 22-24 June 2020, Timisoara, Romania, ISSN 2707-2819
  - 18) Diana Andone, Vlad Mihaescu, Radu VasIU, *ABCtoVLE - ABC-LD Course Design Experiences for Blended and Online Education*, 16th International Scientific Conference eLearning and Software for Education, Bucharest, April 23-24, 2020, vol. 3, pp. 142-149
  - 19) Silviu Vert, Radu VasIU, *Alerts and Notifications for Smart Citizens*, 1st International Conference on Computational Methods and Applications in Engineering ICCMAE 2018, 23-25 May 2018, Timisoara
  - 20) Silviu Vert, Diana Andone, Radu VasIU, *Augmented and Virtual Reality for Public Space Art*, 1st International Conference on Computational Methods and Applications in Engineering ICCMAE 2018, 23-25 May 2018, Timisoara
  - 21) Sebastian Avram, Andreea-Mirela Safta, George Belei, Cătălin Căleanu, Radu VasIU, *Hardware and Software Integration of an Electrophoretic display on a smart meter*, 1st International Conference on Computational Methods and Applications in Engineering ICCMAE 2018, 23-25 May 2018, Timisoara
  - 22) Andrei Rusan, Radu VasIU, *IP Impairment testing for Wireless Mobile Networks*, 8th Balkan Region Conference on Engineering and Business Education (BRCEBE), 10th International Conference on Engineering and Business Education (ICEBE), 19-22 October 2017, Sibiu, pp. 294-301, ISSN 1843-6730
  - 23) Kinshuk, Demetrios Sampson, Radu VasIU, Maiga Chang, Nian-Shing Chen, Ronghuai Huang, *Proceedings of the 17th IEEE International Conference on Advanced Learning Technologies (ICALT) 2017 PREFACE*, 3-7 July 2017, Timisoara, ISBN 978-153863870-5, ISSN 2161-377X
  - 24) Radu VasIU, Muguras Mocofan, Andrei Ternauciuc, Silviu Vert, *Open Online Courses for Business: the m-Commerce Case*, 13th International Scientific Conference eLearning and Software for Education, Bucharest, April 27-28, 2017, pp. 304-309, ISSN 2066-026X, e-ISSN 2543-7669
  - 25) Vlad Mihaescu, Diana Andone, Radu VasIU, *An Analysis of Different MOOC Environments from the Students' Perspective*, European MOOCs Stakeholders Summit on experiences and best practices in and around MOOCs (EMOOCs 2016), February 22-24, 2016, Graz, Austria, ISBN 978-373-923710-7, pp. 417-424, OUTSTANDING PAPER AWARD

- 26) Diana Andone, Vlad Mihaescu, Radu Vasii, *Using MOOCs within Traditional Courses: Students' Perspective*, 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
- 27) Diana Andone, Vlad Mihăescu, Andrei Ternauciu, Radu Vasii, *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
- 28) Andrei Rusan, Radu Vasii, *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
- 29) Andrei Rusan, Radu Vasii, *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
- 30) Radu Vasii, 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
- 31) Silviu Vert, Bogdan Dragulescu, Radu Vasii, *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
- 32) Diana Andone, Radu Vasii, 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
- 33) Radu Vasii, *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
- 34) Sorin Pețan, Ligia Pețan, Radu Vasii, *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
- 35) Diana Andone, Radu Vasii, *The Use of e-Learning for an Age Friendly City (TAF CITY)*, IADIS International Conference Collaborative Technologies 2013, Prague, Czech Republic, 22-26 July 2013, ISBN 978-972-8939-92-2, pp. 65-70
- 36) Andrei Marius Gabor, Radu Vasii, *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 INSODE 2013, Antalya, Turcia, 26-28 April 2013, ISSN 2147-5105, 12 pages
- 37) Bogdan Drăgulescu, Marian Bucos, Radu Vasii, *"A Semantic Web approach for automated test generation"*, 11<sup>th</sup> IADIS International Conference WWW/INTERNET 2012, Madrid, Spania, 18-21 Oct. 2012
- 38) Cristina Marghes, Thierry Bouwmans, Radu Vasii: *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



- 39) Diana Andone, Radu Vasii: *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
- 40) Silviu Vert, Radu Vasii: *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
- 41) Mugur Mocofan, Radu Vasii: *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
- 42) Radu Vasii, 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
- 43) Vlad Mihaescu, Radu Vasii: *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
- 44) Silviu Vert, Radu Vasii: *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 978-989-8533-06-7, 5 pages
- 45) Radu Vasii, 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
- 46) Muguraș Mocofan, Sorin Pețan, Radu Vasii: *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
- 47) Diana Andone, Radu Vasii, 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
- 48) George Mulec, Radu Vasii, Flaviu Frigura-Iliasa, 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
- 49) Diana Andone, Radu Vasii, 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.
- 50) Cristian Tecu, Adrian Popescu, Radu Vasii: *Digital Slideshow Performed Live Using the "Motorway" Application*, 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
- 51) Iasmina Ermalai, Radu Vasii: *Study Cases on the Current Use of Microformats*, 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

- 52) 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
- 53) Radu VasIU, Diana Andone, Nicolae Robu: *A Virtual Campus for Digital Students – Paradigms and Guidelines*, 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
- 54) Diana Andone, Radu VasIU, Andrei TernauciuC, Bogdan Dragulescu: *The Use of Social Media Tools in ViCaDiS Virtual Campus*, IEEE International Joint Conference on Computational Cybernetics and Technical Informatics ICC-CONTI 2010, Timisoara, Romania, 27-29 May 2010, pp. 305-310, ISBN 978-1-4244-7431-8
- 55) Cristian Tecu, Adrian Popescu, Radu VasIU: *PhotoSlide Toolbar: Using the Internet Browser for Managing Real-Time Digital Slideshow*, 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
- 56) Cristian Tecu, Radu VasIU, Adriana Lolea: *Digital Slideshow Transitions Performed Live*, 17th Telecommunications Forum TELFOR 2009, Belgrade, Serbia, 24-26 November 2009, 4 pages
- 57) Radu VasIU, Diana Andone, Nicolae Robu: *Ideas and Concepts of ViCaDiS – A Virtual Campus for Digital Students*, IADIS International Conference "Cognition and Exploratory Learning in Digital Age" CELDA 2009, Rome, Italy, 20-22 November 2009, pp. 235-242, ISBN 978-972-8924-95-9
- 58) Radu VasIU, Diana Andone, Nicolae Robu, Iasmina Ermalai: *Interactions in CSID Online Learning Environment*, 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
- 59) Diana Andone, Radu VasIU: *How a Virtual Campus for Digital Students (ViCaDiS) should be?*, 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
- 60) Andrei TernauciuC, Bogdan Dragulescu, Mihai Onita, Radu VasIU: *Single Sign-On Solutions for Moodle*, International Conference "eLearning and Software for Education" ELSE 2009, Bucuresti, 9-10 April 2009, pp. 217-224, ISBN 978-973-663-717-9
- 61) Iasmina Ermalai, Andrei TernauciuC, Mihai Onita, Radu VasIU: *Publishing Learning Content on Mobile Devices*, 9th International Conference "Virtual University", Bratislava, Slovakia, 11-12 December 2008, 6 pages, e-ISBN 978-89316-10-6
- 62) Radu VasIU, Diana Andone, Nicolae Robu: *The Experiences of e-Learning in Romania*, 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
- 63) Cristian Tecu, Radu VasIU, Cristian Gotiu: *Contributions to the Use of the New Computer Technologies in the Digital Slideshows*, 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
- 64) 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
- 65) Marian Bucos, Iasmina Ermalai, Mihai Onita, Andrei TernauciuC, Radu VasIU: *Mobile Virtual Communities*, 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

- 66) Cristian Tecu, Radu VasIU, Cristian Gotiu: *Contributions to the use of the new computer technologies in the digital slide shows*, 4<sup>th</sup> International Conference "eLearning and Software for Education" ELSE 2008, Bucuresti, 17-18 April 2008, ISBN 978-973-749-362-0
- 67) 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
- 68) 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
- 69) Marian Bucos, Iasmina Ermalai, Mihai Onita, Radu VasIU: *Developing Tools for Virtual Communities*, 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
- 70) 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
- 71) 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
- 72) 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
- 73) 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
- 74) 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
- 75) 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
- 76) 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
- 77) 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
- 78) 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

- 79) Diana Andone, Radu Vasii: *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
- 80) Radu Vasii, 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
- 81) Diana Andone, Radu Vasii, Marian Bucos: *Using Online Questionnaires in Learning and Training*, 11<sup>th</sup> International Conference “Networking Entities” NETTIES 2005, St. Polten, Austria, 12-15 Octombrie, 2005
- 82) Diana Andone, Radu Vasii, 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
- 83) Lia Dolga, Radu Vasii, Viorel Serban, Raluca Giurgiu, Diana Oltean: *Transparency in Erasmus Students’ Mobility in “Politehnica” University of Timisoara*, ERACON 2005 (Erasmus Conference and Go-Exchange Education Fair), Nicosia, Cyprus, 1-5 June 2005, ISBN 9963-9169-0-2, pp. 153-158
- 84) Diana Andone, Radu Vasii, *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
- 85) Diana Andone, Radu Vasii, Marian Bucos, Artur Muller, Flavius Raicovici: *The Development of an E-learning “Web Design” Course for People with Disabilities*, 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
- 86) Radu Vasii, Mugur Mocofan, Dan Vatca: *Optimizing Linux for Embedded Devices*, International Conference on Computational Intelligence ICCI 2004, 11-13 February 2004, Troia, Turcia, ISSN 1304-4508
- 87) Diana Andone, Radu Vasii, 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
- 88) Mugur Mocofan, Radu Vasii, Artur Muller: *The Influence of Video Streaming Quality Factor in Multimedia Applications*, 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
- 89) Radu Vasii, Mugur Mocofan: *Quality Measurement of MPEG Coded Video Sequences*, 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
- 90) Radu Vasii, Mugur Mocofan, Artur Muller: *The Influence of Video Streaming Quality Factor in Training & Distance Learning Education Applications*, 34<sup>th</sup> International Scientific Symposium of the Military Equipment and Technologies Research Agency, Vol. I, Bucuresti, May 29-30, 2003, pp. 289-296
- 91) Radu Vasii, Diana Andone, Nicolae Robu: *Open and Distance Learning in the Romanian Technical Higher Education*, 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
- 92) Radu Vasii, Mugur Mocofan: *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

- 93) Radu VasIU, Mugur Mocofan: *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
- 94) Radu VasIU, Diana Andone: *Actual Situation and Perspectives on the Romanian Telecommunications*, International Symposium "Telecommunications in Central & Eastern Europe", organized by Donau-University Krems, 7 Decembrie 2000, Krems, Austria

Timișoara, septembrie 2023

## ANEXA 2 – CONTRACTE CERCETARE

Prof.dr.ing. RADU ADRIAN VASIU

### Proiecte internationale

Perioada	Titlul proiectului	Sursa de finantare	Valoarea	Pozitia
2023-2025	HORIZON-EUROPE project „EBSI enabled Verifiable Credentials & Trusted Organisations Registries (EBSI-VECTOR)”, no. 101102512	Comisia Europeană	69.336 €	Director
2023-2025	HORIZON-EUROPE project „Deployment of EBSI production nodes and provision of support services to EBSI network at the European level (EBSI-NE)”, no. 101102570	Comisia Europeană	398.998,72 €	Director
2023-2025	HORIZON-EUROPE project „Digital Credentials for Europe (DC4EU)”, no. 101102611	Comisia Europeană	297.379,75 €	Director
2023-2026	HORIZON-EUROPE - WIDERA project “Entrepreneurial & Innovative Universities Acceleration Programme (Accelerate FutureHEI)”, no. 101095083	Comisia Europeană	175.937,50 €	Membru
2022-2025	HORIZON-EUROPE - WIDERA project “EUDRES Ent-r-e-novators – Cooperating for excellence and impact in research and innovation”, no. 101071317	Comisia Europeană	273.617,50 €	Director
2021-2023	E.I.N.S. – E3UDRES2 Entrepreneurship and Innovation Network for Smart and Sustainable European Regions, Grant Agreement no. 10043 under the European Institute of Innovation and Technology HEI Initiative	Comisia Europeană	156.370 €	Director
2020-2023	ERASMUS+ European Universities Project “Engaged and Entrepreneurial European University as Driver for European Smart and Sustainable Regions — E3UDRES2”, EPP-EUR-UNIV-2020/EPLUS2020-AG/101004069 – E3UDRES2 – EAC-A02-2019	Comisia Europeana	536.236,92 €	Coordonator
2021-2023	Connecting Europe Facility (CEF) project - Telecommunications Sector, Innovation and Networks Executive Agency, “Connecting Romania through Blockchain EBSI4RO”, agreement INEA/CEF/ICT/A2020/2287646	Comisia Europeana / INEA	98.986,21 €	Director
2021-2023	ERASMUS+ project “European Atelier of Crafts 4.0. Digital Skills and Augmented Didactics applied to the European Atelier of Crafts Model (Cr.E.Ate 4.0.)”, 2021-1-IT01-KA220-VET-000033022	Comisia Europeana	43.000 €	Membru
2021-2023	ERASMUS+ project “Accelerating aCademia’s DIGital readiness for online and blended Augmented teaching – ACADIGIA”, 2020-1-PT01-KA226-HE-095042	Comisia Europeana	31.750 €	Membru

2020-2022	ERASMUS+ project "Integrating virtual and AUGMENTED reality with WEARable technology into engineering EDUcation" – AugmentedWearEdu", Nr: 2020-1-NO01-KA203-076540	Comisia Europeana	32.820 €	Membru
2021-2023	ERASMUS+ project "Open Digital Competences Training for School Educators – OpenDigCompEdu", 2021-1-ES01-KA220-SCH-000027770	Comisia Europeana	37.500 €	Membru
2020-2023	ERASMUS+ project "Community Enabled Open Training on Creative & Cultural Entrepreneurship - TraCCE", Nr: 2020-1-RO01-KA203-079950	Comisia Europeana	57.070 €	Membru
2019-2021	ERASMUS+ Strategic Partnerships Project „MODE-IT”, 2019-1-DE01-KA203-00051	Comisia Europeana	32.699 €	Membru
2018-2021	ERASMUS+ Strategic Partnerships Project "DigiCulture - Improving the Digital Competences and Social Inclusion of Adults in Creative Industries", 2018-1-RO01-KA204-049368	Comisia Europeana	292.338 €	Membru
2018-2020	ERASMUS+ Strategic Partnerships for HE Project "ABC to VLE", 2018-1-UK01-KA203-048123	Comisia Europeana	12.907 €	Membru
2017-2020	ERASMUS+ Knowledge Alliance Project "IoT Rapid-Proto Labs", 588386-EPP-1-2017-1-FI-EPPKA2-KA	Comisia Europeana	37.768 €	Coordonator pentru Romania
2017-2020	ERASMUS+ Project „Open VM”, 2017-1-DE01-KA203-003494	Comisia Europeana	45.680 €	Membru
2016-2018	ERASMUS+ Strategic Partnerships Project "GirlsTech", 2016-1-NL01-KA202-022993	Comisia Europeana	15.900 €	Membru
2016-2017	ERASMUS+ "Cresterea vizibilitatii internationale a UPT prin cresterea numarului de mobilitati incoming", 2016-1-RO01-KA103-023199	Comisia Europeana	11.000 €	Membru
2014-2016	ERASMUS+ Strategic Partnership Project "m-commerce", 2014-1-AT-01-KA202-000966	Comisia Europeana	21.151 €	Coordonator pentru Romania
2011-2013	Lifelong Learning Programme "The Age-Friendly City – TAFCity", no. 2011-1-ES1-LEO05-35886	Comisia Europeana	46.319 €	Membru
2011-2012	Lifelong Learning Programme "International Internship AGORA – I2AGORA", no. 511784-LLP-1-2010-1-HU-KA4-KA4MP	Comisia Europeana	59.201 €	Membru
2011-2012	HU-RO Cross-Border Co-operation Programme "Studies for assistance to commercialize innovative research results of PROs in Timis and Csongrad counties serving as pilot for future projects - COMINPRO", HURO/1001/043/2.2.4	Phare CBC Program transfrontalier HU-RO	49.135 €	Director
2010-2012	Lifelong Learning Programme "Cross Border Virtual Incubator – CBVI", no. 510216-LLP-1-2010-NL-ERASMUS-ECUE	Comisia Europeana	25.340 €	Membru

2010-2012	Lifelong Learning Programme “Sustainable Know-How in Intercultural Learning in Student Placements and the Knowledge Transfer to Enterprises – SKILL2E”, no. 510416-LLP-1-2010-1-AT-ERASMUS-ECUE	Comisia Europeana	34.194 €	Membru
2008-2010	Lifelong Learning Programme „ESIL – European Sustainable Innovation License for SMEs”, no. LLP/LdV/TOI/2008/AT/23	Comisia Europeana	11.157 €	Coordonator pentru Romania
2008-2010	Proiectul FP7 – Regions of Knowledge „WeSteer – Support Actions for the Emergence of a Research-Driven Automotive Cluster in West Romania”, desfasurat prin Asociatia Tehimpuls unde UPT este membru fondator	Comisia Europeana	1.200.000 €	Membru
2008-2009	Proiectul HU-RO de colaborare transfrontaliera „BROKINNOVOUCHER – Sprijin pentru cooperarea și inovarea întreprinderilor mici și mijlocii din zona România-Ungaria”, desfasurat prin Asociatia Tehimpuls unde UPT este membru fondator	Phare CBC Program transfrontalier HU-RO	161.144 €	Membru
2008-2009	Proiectul de vecinatate 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”, desfasurat prin Clusterul Automotivest unde UPT este membru fondator, Nr. contract: RO 2006/018-448	Phare CBC Romania - Serbia	230.000 €	Membru
2007-2009	Lifelong Learning Programme „Creative Trainer”, no. LLP/LdV/TOI/2007/AT/0019	Comisia Europeana	20.081 €	Coordonator pentru Romania
2007-2009	Lifelong Learning Programme „VICADIS – Virtual Campus for Digital Students”, no. 134039-LLP-1-2007-1-RO-ERASMUS-EVC	Comisia Europeana	365.747 €	Coordonator
2005–2007	Leonardo Reference Materials programme “e-Report”, No. 2005-2025/001-001 LE2-510REF	Comisia Europeana	75.000 €	Coordonator pentru Romania
2005-2006	Leonardo mobilities program “Formation professionnelle dans le domaine de la gestion du transfert de technologie – TehnoTrans”, no. RO/2005/95052/EX, proiect coordonat de APART	Comisia Europeana	18.000 €	Membru
2004–2006	Socrates Erasmus Curriculum Development programme “IMM – International Online Master in Multimedia”, No. 49104-IC-1-2003-1-RO-ERASMUS-PROGUC	Comisia Europeana	108.538 €	Coordonator
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	Comisia Europeana	61.314 €	Membru
2004–2006	Leonardo programme E2ngineering, No. L-B-PP-170029 / 2004	Comisia Europeana	23.153 €	Coordonator pentru Romania
2004–2006	Leonardo programme “METOIM – Measure to Improve”, No. 2004 - I/04/B/F/PP-154047	Comisia Europeana	51.476 €	Coordonator pentru Romania



2003–2005	Leonardo programme „ <i>REMOTE - Retail Education Mechanism for On-line Training in Europe</i> ”, No. UK/03/B/F/PP-162_010	Comisia Europeana	34.352 €	Coordonator pentru Romania
2001–2003	Socrates Minerva programme “ <i>MISSION - Multi-Country Integrated System Support for Improved ODL Networking</i> ”, No. 90389-CP-1-2001-1-HU-MINERVA-M	Comisia Europeana	21.000 €	Coordonator pentru Romania
2001–2003	Leonardo programme „ <i>EKC – European Key Competences</i> ”, No. NL-00-B-F-PP-123054	Comisia Europeana	18.300 €	Coordonator pentru Romania
2000	Leonardo Mobility programme SANGRIA	Comisia Europeana	6.000 €	Coordonator pentru Romania
1999–2000	Leonardo programme “ <i>Multiply CADUBALM - Computer-Assisted Development of Teaching Units Based on Authentic Language Material</i> ”, No. MC-TZM-UT	Comisia Europeana	8.400 €	Coordonator pentru Romania
1999–2001	Leonardo programme „ <i>TIMKARS</i> ” No.RO/99/2/011079 /PI/II.1.1.c/FPC	Comisia Europeana	225.036 €	Coordonator financiar
1999–2000	Socrates programme „ <i>EAC – Europe as a Challenge</i> ”, No. 70952-CP-1-1999-1-NL-ADULT EDUC-ADU	Comisia Europeana	8.342 €	Coordonator pentru Romania
1998–1999	<i>Phare Multi-Country programme for Distance Education</i> , No. ETF/0062/NCP-06-TM/1997	Comisia Europeana	80.000 €	Asistent coordonator
1997–2001	Tempus programme „ <i>TEMIS – Telematics and Multimedia within the Information Society</i> ”, S-JEP 12086/97	European Training Foundation	480.000 €	Coordonator
1995–1998	Tempus programme “ <i>DRUM – Development of Romanian Universities Multimedia</i> ”, S-JEP 09838/95	European Training Foundation	460.000 €	Asistent coordonator pentru Romania
1992–1995	Tempus programme “ <i>DÉCOR – Development of Colleges in Romania</i> ”, S-JEP 06484/92	European Training Foundation	510.000 €	Membru

### Proiecte Nationale de Cercetare – Dezvoltare

Perioada	Titlul proiectului	Sursa de finantare	Valoarea	Pozitia
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	Membru
2007-2010	Cresterea eficientei proceselor suport pentru transferul international de know-how managerial din domeniul cercetarii aplicative si inovarii (WINMAN), proiect PN-II, no. 91051 / 14.09.2007	ANCS	190.000 RON	Director
2007-2010	Achizitie de semnale biomedicale si tele-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 si monitorizare la distanta a cladirilor inteligente (COMODICI), proiect CEEEX, no. 60 CEEEX II 03 / 28.07.2006	MEdC	255.000 RON	Director

2005-2008	Dezvoltarea conceptului de responsabilitate sociala in intreprinderi romanesti, in context European (RSE&UE), proiect CEEX, no. 05-D8-5 / 10.10.2005	MEdC	340.000 RON	Membru
2005-2008	Scenarii de previzionare a sectoarelor si ramurilor din economia romaneasca cu potential inovativ, in perspectiva 2020 (INOVFOR), proiect CEEX, no. 05-D8-77 / 19.10.2005	MEdC	400.000 RON	Membru
2001-2003	Crearea si dezvoltarea unui Centru pentru Tehnologia Informatiei si a Comunicarii, proiect INFOSOC no. 45/ 7.11.2001	MEdC	288.000 RON	Membru

### Proiecte finantate din Fonduri Structurale

Perioada	Titlul proiectului	Sursa de finantare	Valoarea	Pozitia
2021-2023	Proiect POCU Innotech Student „StartUPT”, cod MySMIS 140550	Fonduri structurale	9.280.400 RON	Director
2014-2015	Cresterea atractivitatii si performantei programelor de formare doctorala si postdoctorala pentru cercetatori in stiinte ingineresti - ATTRACTING, proiect POSDRU, no. POSDRU/159/1.5/S/137070	Fonduri structurale	7.796.762 RON	Membru
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	Membru
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	Coordonator local
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	Coordonator local
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	Coordonator local
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		Membru
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		Membru

2008-2011	Registrul Matricol Unic, proiect strategic pentru Invatamantul Superior, no. POSDRU/2/1.2/S/5/4436, coordonat de UEFISCSU	Fonduri Structurale		Membru
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### Cercetare in cadrul conducerii de doctorat

- 11 doctoranzi în stagi (Rafael Leucuța, Diana Sophia Codat, Sebastian Avram, Victor Holotescu, Oana Rotaru, Mohamed Asfour, Radu Stamatoiu, Sorina Voinea, Marius Tătaru, Răzvan Vîlceanu, Alina-Claudia Petrea);
- 11 doctoranzi care au finalizat studiile:
  - Marian Bucos: *Dezvoltarea sistemelor informatice pentru e-learning si realizarea de organizatii educationale virtuale* (2007, co-tutela cu prof. Toma Corneliu);
  - Iasmina Ermalai: *Contributii la utilizarea noilor tehnologii informatinale in procesul de eLearning* (2009);
  - Cristian Tecu: *Contributii la utilizarea noilor tehnologii informatinale in diaporama digitala* (2010);
  - Mihai Onita: *Contributii la utilizarea tehnologiilor video in invatamantul electronic* (2011, co-tutela cu prof. Toma Corneliu);
  - Andrei Ternauciu: *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* (2016)
  - Ciprian Orhei: *Urban Landmark Detection using Computer Vision* (2022)
- Participare ca referent oficial in 42 comisii de doctorat:
  - Mihaela Laura Gordan: *Aplicatii ale tehnicilor fuzzy si masinilor cu vectori suport in prelucrarea imaginilor*, Universitatea Tehnica din Cluj-Napoca, Iulie 2004
  - Rodica Medan: *Funcțiile si ponderea instruirii asistate 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, Aprilie 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 Nafornta: *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, Sept 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 Chioreanu: *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 multicalle 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, Sept 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 secventelor 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 Botoș: *Study Regarding the Integration of Linear Coding Techniques into Content Distribution Mechanisms for Telecommunication Networks*, Universitatea Tehnică din Cluj-Napoca, Martie 2012
- Zsuzsanna-Ilona 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: *Contribuții la dezvoltarea unor medii interactive de vizualizare, segmentare și analiză a datelor și imaginilor medicale*, Universitatea Tehnică din Cluj-Napoca, Noiembrie 2012
- Petrița Teodor: *Contribuții la modelarea unor caracteristici ale antenelor*, Universitatea "Politehnica" din Timisoara, Decembrie 2012
- Meza Șerban-Nicolae: *Contribuții la dezvoltarea sistemelor de viziune 2D & 3D*, Universitatea Tehnică din Cluj-Napoca, Ianuarie 2013
- Salcă Victor-Eugen: *Contribuții privind dezvoltarea instrumentelor educaționale interactive și aplicare lor în programele educaționale speciale*, Universitatea Tehnică din Cluj-Napoca, Ian 2013
- Antone Alexandru: *Structuri funcționale și de evaluare în sistemele de televiziune digitală DVB*, Universitatea Tehnică din Cluj-Napoca, Octombrie 2013
- Laszlo V. Molnar: *Dezvoltarea serviciilor de telecomunicații în concordanță cu efectul lor psiho-social*, 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, Ian 2015
- Roland Szabo: *Contribuții la dezvoltarea metodelor și algoritmilor pentru calculul poziției brațelor robotice în spațiu folosind recunoaștere de culori. Implementare în FPGA*, Octombrie 2015
- Iustin-Alexandru Ivanciu: *Măsurători active pentru rutarea în rețele bazate pe cloud*, Universitatea Tehnica din Cluj-Napoca, Decembrie 2016
- Ciudatu (cas. Luchian) Eduard-Florentin: *Contributii la conectivitatea neintrerupta pentru sisteme de comunicatii bazate pe cloud*, Universitatea Tehnica din Cluj-Napoca, Martie 2018
- Nita Valentin-Adrian: *Expertiza criminalistica a inregistrarilor audio-video. Detectia editarilor din inregistrari audio*, Universitatea Politehnica din Bucuresti, Noiembrie 2018
- Ciupe Aurelia: *O abordare integrata pentru gestionarea computationala a activitatilor, orientata pe utilizator*, Universitatea Tehnica din Cluj-Napoca, Mai 2019
- Gurbina Mircea: *Stabilitate, bifurcatie si haos la convertoare DC-DC in comutatie*, Universitatea Politehnica Timisoara, Septembrie 2019
- Zaharia Corneliu: *Contribuții la relația Inteligența artificială – Hardware pentru Procesarea Imaginilor în Timp Real*, Universitatea Transilvania din Brașov, Iulie 2022

- Stelian-Nicolae Nicola: *Contribuții la interacțiunea multimodală în 3D*, Universitatea Politehnica Timisoara, Iulie 2023
- Cătălin Andrei Ciuparu, *Advanced processing methods and machine learning algorithms applied on neurobiological signals*, Universitatea Tehnica din Cluj-Napoca, Septembrie 2023
- Membru in 14 comisii de evaluare a tezei de abilitare:
  - Chiper Leferman Doru Florin, Universitatea tehnica "Gheorghe Asachi" din Iasi, Iunie 2013
  - Albu Felix, Universitatea "Politehnica" din Bucuresti, Ianuarie 2014
  - Ancuti Cosmin, Universitatea Politehnica Timisoara, Iulie 2014
  - Nafornita Corina Alda, Universitatea Politehnica Timisoara, martie 2015
  - Ursutiu Doru, Universitatea Transilvania din Brasov, martie 2016
  - Lascu Mihaela-Ruxandra, Universitatea Politehnica Timisoara, aprilie 2016
  - Ogrutan Petre, Universitatea Transilvania din Brasov, februarie 2017
  - Gacsadi Alexandru, Universitatea din Oradea, iunie 2017
  - Ancuti Codruta Orniana, Universitatea Politehnica Timisoara, noiembrie 2017
  - Cotfas Daniel Tudor, Universitatea Transilvania din Brasov, septembrie 2019
  - Cotfas Petru Adrian, Universitatea Transilvania din Brasov, septembrie 2019
  - Floroian Laura, Universitatea Transilvania din Brasov, septembrie 2019
  - Buciu Ioan-Marius, Universitatea din Oradea, august 2022
  - Meza Șerban-Nicolae, Universitatea Tehnică din Cluj-Napoca, octombrie 2022

Timișoara, 26.09.2023