



Curriculum Vitae Europass



Informații personale

Nume / Prenume

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Pagina web

Naționalitate(-ități)

Română

Data nașterii

Experiența profesională

Perioada

Noiembrie 2023 - prezent

Funcția sau postul ocupat

Director Institutul pentru Transformare Digitală

Activități și responsabilități principale

Coordonarea activităților de transformare digitală din UPT și a implementării prin PNRR în UPT
Universitatea Politehnica Timișoara, Pta. Victoriei, nr. 2, 300006 Timișoara
Invățământ superior, Cercetare științifică

Numele și adresa angajatorului

Tipul activității sau sectorul de activitate

Perioada

Febr. 2016 – Oct 2023

Funcția sau postul ocupat

Președinte al Senatului Universității Politehnica Timișoara

Activități și responsabilități principale

Responsabil reglementare, decizie și dezbateri în universitate

Numele și adresa angajatorului

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

Tipul activității sau sectorul de activitate

Invățământ superior, Cercetare științifică

Perioada

2012 – 2016

Funcția sau postul ocupat

Președinte al Comisiei de Cercetare a Senatului Universității Politehnica Timișoara

Activități și responsabilități principale

Responsabil cu politica și strategia de cercetare a universității, https://www.upt.ro/Informatii_senatul-upt_152_ro.html

Numele și adresa angajatorului

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

Tipul activității sau sectorul de activitate

Invățământ superior, Cercetare științifică

Perioada

2012 - 2020

Funcția sau postul ocupat

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

Activități și responsabilități principale

Membru în Comisia de electronică, telecomunicații și nanotehnologie

Numele și adresa angajatorului

Ministerul Educației Naționale și Cercetării Științifice

Tipul activității sau sectorul de activitate

Invățământ superior, Cercetare științifică

Perioada	2005 - prezent
Funcția sau postul ocupat	Conducător de doctorat în specializarea Inginerie electronică, telecomunicații și tehnologii informaționale
Activități și responsabilități principale	Coordonator doctorat 10 teze finalizate, 1 teză depusă pentru susținere, 9 doctoranzi în stagi
Numele și adresa angajatorului	Universitatea Politehnica Timișoara, Pta. Victoriei, nr. 2, 300006 Timișoara
Tipul activității sau sectorul de activitate	Învățământ superior, Cercetare științifică
Perioada	2004 - 2012
Funcția sau postul ocupat	Secretar Științific al Universității „Politehnica” din Timișoara
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	2003 – prezent
Funcția sau postul ocupat	Director Centrul de Cercetări Multimedia din cadrul UPT
Activități și responsabilități principale	Responsabil activitate cercetare, managementul cercetării, realizare proiecte de cercetare – dezvoltare naționale și internaționale, https://www.cm.upt.ro/ro_ro/
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	2002 – prezent
Funcția sau postul ocupat	Profesor universitar, Departamentul de Comunicații
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	2005 – 2011
Funcția sau postul ocupat	Evaluator ARACIS
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	1999 – 2002
Funcția sau postul ocupat	Conferențiar universitar, Departamentul de Comunicații
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	1990 – 1999
Funcția sau postul ocupat	Sef de lucrări, Departamentul de Comunicații

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	1987 – 1990
Funcția sau postul ocupat	Asistent universitar
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	Învățământ superior
Perioada	1986 – 1987
Funcția sau postul ocupat	Cercetător științific
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	1984 – 1986
Funcția sau postul ocupat	Cercetător științific
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	1982 – 1984
Funcția sau postul ocupat	Inginer stagiar
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	Întreprinderea de Construcții Navale și Prelucrări la Cald (ICNPS), Drobeta Turnu-Severin
Tipul activității sau sectorul de activitate	Construcții navale

Educație

Perioada	1991 – 1998
Calificarea / diploma obținută	Diploma de doctor inginer, domeniul Electronică și Telecomunicații 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 stagiu și susținere teză și la University of Central Lancashire, Preston, UK
Perioada	1977 – 1982
Calificarea / diploma obținută	Diploma de inginer electronist , 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

Formare continuă

Perioada	Noiembrie 2016
Denumirea programului de formare	1st D-Transform Leadership School „Preparing Higher Education Leaders to become the Change Makers of the University of Tomorrow”
Numele furnizorului de formare	Universitat Oberta de Catalunya, Barcelona, Spania

Perioada
Denumirea programului de formare
Numele furnizorului de formare

Martie – Iunie 2010

Expert evaluator extern pentru programele de studiu în învățământ la distanță
ARACIS – Agenția Română de Asigurare a Calității în Învățământul Superior

Perioada
Denumirea programului de formare
Numele furnizorului de formare

Februarie – Noiembrie 2010

Program de formare în Managementul Universitar – modulele “Managementul activităților terțiare” și “Managementul cercetării”

UEFISCDI – Unitatea Executivă pentru Finanțarea Învățământului Superior, a Cercetării, Dezvoltării și Inovării

Perioada
Denumirea programului de formare
Numele furnizorului de formare

Martie 2009

Program de formare Management modern în educație – domeniul universitar
OSC – Liderul comunicării diverse

Perioada
Denumirea programului de formare
Numele furnizorului de formare

1998 – 1999

Cursul online LOLA (Learning about Open Learning), specializare postuniversitară în Învățământ la Distanță

Universitatea “Herriot-Watt” din Edinburgh, Scotia, UK

Apartenența la asociații profesionale naționale sau internaționale

Membru în organizații profesionale:

- International Association for e-Science (IAFeS) – președinte 2013-prezent
- European Association for Telematics Applications (EATA) – președinte 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)
- 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 Electronici din Timisoara (AIET)

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

Înțelegere		Vorbire		Scriere	
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 Salonica, Greece, 2008 (Digital Television)
- University of Applied Sciences Vienna, Austria, 2009 (Research Methodologies)
- University of Applied Sciences Salzburg, Austria, 2010, 2011 (Research Methodology)
- Bonch-Bruyevich St-Petersburg State University of Telecommunications, Russia, 2013 (Green IT)
- University of Applied Sciences Piraeus, 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 în colectivul editorial al *Buletinului Stiintific al UPT, Seria Electronica si Comunicatii*, ISSN 1583-3380, din 2007
- Membru în 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, Isaías, 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, Isaías, 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 – ICC3 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*, Bahrain
- 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 Bahrain
- 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 – REEGETECH*, 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 *19th 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 *18th 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 *17th 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 *1st International Conference on Computational Methods and Applications in Engineering – ICCMAE 2018*, Timisoara, Romania, 23-26 May 2018
- Co-Chair *16th International Conference NETTIES 2018 (Networking Entities): Access to Knowledge in the 21st 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 *17th IEEE International Conference on Advanced Learning Technologies – ICALT 2017*, Timisoara, Romania, 3-7 July 2017
- Scientific Committee member of the *2nd International Conference on Smart Learning Ecosystems and Regional Development SLERD 2017*, Aveiro, Portugal, 22-23 June 2017
- Co-Chair *15th 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 *12th International Symposium on Electronics and Telecommunications 2016*, Timisoara, Romania, 27-28 October 2016
- Chair of the *1st 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)

Activitate editorială	Chairman, Co-Chair sau membru Program Committee la simpozioane si conferinte internationale <ul style="list-style-type: none"> ➤ Program Committee Member pentru 11th <i>International Conference on Web-based Learning ICWL2012</i>, Sinaia, sept. 2012 ➤ Program Committee Member pentru 13th <i>IEEE International Conference on Computational Science and Engineering (CSE 2010)</i>, 11-13 Decembrie 2010, Hong-Kong SAR, China ➤ Program Committee Member pentru <i>International Conference "E-Education: Science, Study and Business"</i>, 24-25 Noiembrie 2010, Vilnius, Lituania ➤ Program Committee Member pentru <i>International Conference on Information and Software Technologies</i>, Kaunas, Lituania (2008 – prezent) ➤ 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
Activitate editorială	Chairman, Co-Chair sau membru Program Committee la simpozioane si conferinte internationale <ul style="list-style-type: none"> ➤ Chair pentru <i>IEEE International Conference on Advanced Learning Technologies ICALT 2017</i>, Timisoara 2017 ➤ Program Committee Member and Organizing Committee Member pentru <i>IADIS International Conference on Cognition and Exploratory Learning in Digital Age (CELDA)</i>, (2005 – prezent) ➤ 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 ➤ 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; ➤ Co-Chair al <i>NETTIES 2006 (Networking Entities): The Future of E: Advanced Educational Technologies for a Future e-Europe</i>, 12th EATA – European Association for Telematics Applications International Conference, 6-9 septembrie 2006, Timisoara, Romania ➤ Chair al <i>Lifelong Learning and Distance Education in the Information Society</i>, curs intensiv, 7-12 august 2000, Newton Rigg Campus, UK; ➤ Chair al <i>New Approaches to Education & Training for Industry</i>, conferinta internationala, 13-15 septembrie 1999, Timisoara, Romania; ➤ Chair al <i>Telematics Applications within Distance Education</i>, curs intensiv, 24-29 mai 1999, Atena – Halkis, Euboea, Grecia; ➤ Co-chair al <i>Information Society and the Media</i>, conferinta internationala, 10-15 noiembrie 1997, Timisoara
Activitate editorială	Publicatii <p>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, 18 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"> ➤ Peste 1.500 citări în jurnale sau proceedings-uri de conferințe indexate WoS, Scopus sau Google Scholar ➤ h-index WoS = 9 ➤ h-index Scopus = 10 ➤ h-index Google Scholar = 17 <p>Lista celor mai recente publicații este prezentată în Anexa 1.</p>
Activitate de cercetare	Contracte de cercetare-dezvoltare-inovare <ul style="list-style-type: none"> ➤ 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) ➤ Coordonator al activităților UPT de integrare a tehnologiilor blockchain în educație, printr-o serie de proiecte Horizon-Europe (DC4EU, EBSI-NE, EBSI-VECTOR) ➤ 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. ➤ Director a 3 proiecte naționale de cercetare-dezvoltare și membru în echipa de implementare a altor 4 proiecte. ➤ Coordonator a 4 proiecte finanțate din Fonduri Structurale Europene și membru în echipa de implementare a altor 5 proiecte. <p>Lista celor mai importante contracte este prezentată în Anexa 2.</p>

Activitate de cercetare**Cercetare in cadrul conducerii de doctorat**

- Coordonator a 11 doctoranzi în stagi
- 12 doctoranzi cu teza finalizată și susținută
- Participant ca referent oficial în 44 comisii de doctorat
- Membru în 15 comisii de evaluare a tezei de abilitare

Timisoara, februarie 2024



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 1.500 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) Diana Andone, Roxana Sirbu, Radu Vasiiu, *National and International Initiatives for Entrepreneurial Skills and Regional Development*, capitol în "Focus on the Future. A Summit Meeting for Pioneers", IAFES Publications, Vienna, 2023, ISBN 978-3-9505150-1-5, pp. 22-33, 110 pages
- 2) Silviu Vert, Diana Andone, Andrei Ternauciuc, Vlad Mihaescu, Oana Rotaru, Muguras Mocofan, Ciprian Orhei, Radu Vasiiu, *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
- 3) Diana Andone, Radu Vasiiu, *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
- 4) Muguras Mocofan, Radu Vasiiu, *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
- 5) Diana Andone, Radu Vasiiu, *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
- 6) Nicolae Herisanu, Radu Vasiiu, 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
- 7) Radu Vasiiu, *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
- 8) Kinshuk, Demetrios Sampson, Radu Vasiiu, 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
- 9) Radu Vasiiu, *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.
- 10) Radu Vasiiu, *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.

- 11) 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.
- 12) 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
- 13) 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
- 14) 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
- 15) 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
- 16) 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
- 17) Muguras Mocofan, Radu Vasiu, Diana Andone, Iasmina Ermalai, Mihai Onita, *Tehnici informationale si de comunicare – avansati*, Editura Academiei Oamenilor de Stiinta din Romania, Bucuresti, 2011, ISBN 978-606-8371-58-0, 82 pag.
- 18) 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.
- 19) 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
- 20) 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
- 21) 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
- 22) 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
- 23) 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
- 24) 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
- 25) 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
- 26) 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

- 27) 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
- 28) Diana Andone, Radu Vasiu, 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
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- 30) Radu Vasiu, *Testarea echipamentelor electronice*, Editura Orizonturi Universitare, Timișoara, 2001, 106 pag, ISBN: 973-8109-38-8
- 31) Radu Vasiu, 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
- 32) Dan Lacrămă, Radu Vasiu, 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
- 33) Radu Vasiu, 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
- 34) Nicolas Pelissier, Radu Vasiu, 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
- 35) Radu Vasiu, 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
- 36) Corneliu Toma, Radu Vasiu, 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
- 37) Radu Vasiu, *Study of the Compression Methods Used in Digital Image Processing and Transmission*, PhD Thesis, University of Central Lancashire, Preston, UK, 1998, 217 pag.
- 38) Radu Vasiu, *Studiul metodelor de compresie utilizate în prelucrarea și transmiterea numerică a imaginilor*, Teza de doctorat, Centrul de multiplicare UPT, 1998, 217 pag.
- 39) Zoran Bojkovic, Corneliu Toma, Vasile Gui, Radu Vasiu, *Advanced Topics in Digital Image Compression*, Editura Politehnica, Timișoara, 1997, 402 pag, ISBN: 973-97970-7-5

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- 2) Nicolae Robu, Radu Vasiu, Diana Andone, Cristian Tzecu: *Universitatea "Politehnica" din Timisoara la 90 ani / at 90 years. Monografie / Monography*, Editura Politehnica, Timisoara, 2010, 172 pages, ISBN 978-606-554-199-3
- 3) Radu Vasiu, Corneliu Toma, Diana Andone: *Amintiri despre Multimedia / Memories of Multimedia*, Editura Politehnica, Timisoara, 2009, 106 pages, ISBN 978-973-625-965-4

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- 1) Ciprian Orhei, Radu Vasiiu, *An analysis of extended and dilated filters in sharpening algorithms*, IEEEAccess, vol. 11, 2023, e-ISSN 2169-3536, doi: 10.1109/ACCESS.2023.3301453, WOS:001045242900001 (Q2 journal, IF 2022 - 3.9, 5 year - 4.1)
- 2) Sebastian Avram, Radu Vasiiu, *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 Vasiiu, *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)
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- 13) Mihai Onita, Vlad Mihaescu, Radu Vasii, *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 Vasii, *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 Vasii, *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)
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- 21) 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
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- 23) 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
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- 29) Diana Andone, Vlad Mihăescu, Andrei Ternauciuc, Radu Vasu, *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
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- 36) Sorin Pețan, Ligia Pețan, Radu Vasu, *Interactive Video in Knowledge Management: Implications for Organizational Leadership*, Proceedings of SIM 2013 / 12th International Symposium in Management: Challenges and Innovation in Management and Leadership, 11-12 oct. 2013, Timișoara
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- 41) Diana Andone, Radu Vasiu: *Devising ICT in Engineering Education Based on the University Academia Expectations*, Proceedings of the 12th 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
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- 54) 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-ISSN 978-0-7695-4055-9, ISBN ISBN 978-1-4244-7144-7
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- 67) Marian Bucos, Iasmina Ermalai, Mihai Onita, Andrei Ternauciuc, Radu Vasiu: *Mobile Virtual Communities*, 4th International Conference "eLearning and Software for Education" ELSE 2008, Bucuresti, 17-18 April 2008, pp. 289-291, ISBN 978-973-749-362-0
- 68) Cristian Tecu, Radu Vasiu, Cristian Gotiu: *Contributions to the use of the new computer technologies in the digital slide shows*, 4th International Conference "eLearning and Software for Education" ELSE 2008, Bucuresti, 17-18 April 2008, ISBN 978-973-749-362-0
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- 80) Radu Vasiu, Nicolae Robu, Diana Andone, Marian Bucos, Mihai Onita: *Integration of eLearning in Romanian Technical Universities*, World Conference on Educational Multimedia, Hypermedia & Telecommunications, ED-MEDIA 2006, June 2006, Orlando, Florida, USA, ISBN 978-1-880094-60-0, pp. 121-126
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Timișoara, 24.02.2023

ANEXA 2 – CONTRACTE CERCETARE

Prof.dr.ing. RADU ADRIAN VASIU

Proiecte internationale

Perioada	Titlul proiectului	Sursa de finantare	Valoarea	Pozitia
2023-2027	ERASMUS-LS European Universities Project “Engaged and Entrepreneurial European University as Driver for European Smart and Sustainable Regions 2.0 — E3UDRES2 2.0”, 101124496/2023	Comisia Europeana	1.405.006 €	Coordonator
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 aCAademia’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 LE2-51OREF	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 CEEX, no. 60 CEEX 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 și PNRR

Perioada	Titlul proiectului	Sursa de finantare	Valoarea	Pozitia
2023-2026	DigiUPT – Măsurile integrate pentru transformarea digitală și pregătirea pentru profesiile viitorului în Universitatea Politehnica Timișoara	PNRR	22.302.594,53 RON	Coordonator digitalizare
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

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)
- 12 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 Ermai: *Contributii la utilizarea noilor tehnologii informationale in procesul de eLearning* (2009);
 - Cristian Tecu: *Contributii la utilizarea noilor tehnologii informationale in diaporama digitala* (2010);
 - Mihai Onita: *Contributii la utilizarea tehnologiilor video in invatamantul electronic* (2011, co-tutela cu prof. Toma Corneliu);
 - Andrei Ternauciuc: *Contributii la dezvoltarea uneltelor de comunicare in cadrul platformelor web educationale* (2011);
 - Bogdan Drăgulescu: *Tehnologii Semantic Web în domeniul educațional* (2012);
 - Andrei Marius Gabor: *Baze de date multimedia* (2014)
 - Sorin Alexandru Petan: *Sisteme multimedia interactive adaptive cu aplicatii in e-learning, divertisment si formare profesionala* (2014)
 - Silviu Vert: *Integrating Linked Open Data in Mobile Augmented Reality Applications* (2015)
 - Vlad Mihaescu: *The Development and Implementation of a MOOC Platform Model from a Technical and Educational Perspective* (2016)
 - Ciprian Orhei: *Urban Landmark Detection using Computer Vision* (2022)
 - Sebastian Avram: *Methods for Enhancing Power Line Communication over Low Voltage Networks* (2023)
- Participare ca referent oficial in 44 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 Naforita: *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 multcale 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 Losonczy: *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
- Nicola Stelian-Nicolae: *Contribuții la interacțiunea multimodală în 3D*, iulie 2023
- Ciuparu Cătălin Andrei: *Metode avansate de procesare și algoritmi de învățare automată aplicați pe semnale neurobiologice*, septembrie 2023
- Mihai Răzvan: *Blockchain-enabled economic transactions: recurring financial accrual and payments*, martie 2024
- Membru in 15 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
 - Naforita 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
 - Bălan Titus Constantin, Universitatea "Transilvania" din Brașov, martie 2024

Timișoara, 20.02.2024