CURRICULUM VITAE

Informații personale

Nume/Prenume	*DOMOKOS József*
Adresa	Str. Plopilor, nr. 15, loc. Sîncraiu de Mureș, jud. Mureș
Telefon	0365 – 885.175 Mobil: 0740-138.366
E-mail	domi@ms.sapientia.ro
Cetățenia	Română
Data și locul nașterii	Sovata, 20.02.1978

Funcția și locul de muncă universitatea, facultatea, departamentul)

Conferențiar universitar, Departamentul de Inginerie electrică, decan al Facultății de Științe Tehnice și Umaniste din Târgu Mureș, Universitatea SAPIENTIA din Cluj-Napoca.

Educație și formare

2010 iulie – 2013 aprilie, cercetător postdoctoral la Universitatea Tehnică din Cluj-Napoca, în cadrul proiectului 4D-Postdoc POSDRU/89/1.5/S/52603 - Dezvoltarea și susținerea de programe postdoctorale multidisciplinare în domenii tehnice prioritare ale strategiei naționale de cercetare - dezvoltare – inovare

2002-2009, doctorat în domeniul Inginerie electronică și telecomunicații, titlu de doctor obținut la Universitatea Tehnică din Cluj-Napoca, Facultatea de Electronică, Telecomunicații și Tehnologia Informației.
Conducător de doctorat: Prof.dr.ing. Gavril TODEREAN
Titlul tezei de doctorat: Contribuții la recunoașterea vorbirii continue și la procesarea limbajului natural (Contributions to continuous speech recognition and natural language processing)

2001-2002, studii aprofundate, specializarea Tehnologii Multimedia, Facultatea de Electronică și Telecomunicații, Universitatea Tehnică din Cluj-Napoca

1996-2001, studii universitare, Facultatea de Electronică și Telecomunicații, Universitatea Tehnică din Cluj-Napoca, inginer în domeniul electronică și telecomunicații, specializarea Comunicații prin fibră optică

1992-1996, Liceul Teoretic Bolyai Farkas, Tîrgu Mureș, specializarea informatică, asistent analist programator

Experiența profesională
Din ianuarie 2021, decan al Facultății de Științe Tehnice și Umaniste din Târgu Mureș în cadrul Universității SAPIENTIA din Cluj-Napoca.

Din iunie 2020, conducător extern la Școala doctorală de matematică aplicată și informatică aplicată a Universității Óbuda din Budapesta

Din februarie 2019, conferențiar universitar Universitatea SAPIENTIA din Cluj-Napoca, Facultatea de Științe Tehnice și Umaniste din Târgu Mureș, Departamentul de Inginerie electrică.

Între 2016 - 2020, membru al Senatului Universității SAPIENTIA din Cluj-Napoca.

Între 2014 - 2020, membru al Consiliului Facultății de Științe Tehnice și Umaniste din Târgu Mureș în cadrul Universității SAPIENTIA din Cluj-Napoca.

Între 2014 - 2021, director de departament, Departamentul de inginerie electrică, Facultatea de Științe Tehnice și Umaniste din Târgu Mureș, Universitatea SAPIENTIA din Cluj-Napoca.

Între februarie 2009 – februarie 2019, șef de lucrări, Universitatea SAPIENTIA din Cluj-Napoca, Facultatea de Științe Tehnice și Umaniste din Târgu Mureș, Departamentul de Inginerie electrică.

Între 2009 - 2011, cadru didactic colaborator la Universitatea de Arte din Tîrgu Mureș, Facultatea de Muzică.

Între 2006 – 2009, asistent universitar, Fundația Sapientia - Universitatea Sapientia, Facultatea de Științe Tehnice și Umaniste, Catedra de Inginerie electrică.

Între 2004 – 2006, preparator universitar, Fundația Sapientia - Universitatea Sapientia, Facultatea de Științe Tehnice și Umaniste, Catedra de Inginerie electrică.

Între 2001 – 2004, cadru didactic colaborator la Catedra de Comunicații, Facultatea de Electronică și Telecomunicații, Universitatea Tehnică din Cluj-Napoca.

Alte funcții deținute (nedidactice)
August 2013 – octombrie 2014, expert procesare semnale la Universitatea Tehnică din Cluj-Napoca, Facultatea de Electronică, Telecomunicații și Tehnologia Informației, Departamentul de Comunicații, în cadrul proiectului FP7 2007-2013 Simple4All (grant agreement no 287678).

Iulie 2010 – aprilie 2013, cercetător postdoctoral la Universitatea Tehnică din Cluj-Napoca, în cadrul proiectului 4D – POSTDOC POSDRU/89/1.5/S/52603 - Dezvoltarea și susținerea de programe postdoctorale multidisciplinare în domenii tehnice prioritare ale strategiei naționale de cercetare - dezvoltare - inovare.

Între 2001 – 2004, inginer, apoi asistent cercetare, Universitatea Tehnică din Cluj-Napoca, Atelierul de microproducție electrotehnic.

Limbi străine cunoscute
Nivel vorbit/scris
Engleză, bun/bun
Franceză, mediu/bun
Română, foarte bun/foarte bun
Maghiară, limba maternă

Activitatea didactică (cursuri, seminarii, lucrări practice conduse**)**
Cursuri:

- Teoria transmisiunii informației (SAPIENTIA[1]);
- Electronică digitală, Sisteme digitale (SAPIENTIA);
- Tehnologii de programare în Internet (SAPIENTIA);
- Dispozitive electronice și electronică analogică (SAPIENTIA);
- Instruire asistată de calculator (UA[2], SAPIENTIA);
- Aplicații cu microprocesoare.

Seminarii, lucrări de laborator:

- Dispozitive electronice și electronic analogică (SAPIENTIA, UTC-N[3]);
- Electronică digitală, Proiectare logică, Analiza și sinteza dispozitivelor numerice, Sisteme digitale (SAPIENTIA);
- Teoria transmisiunii informației (SAPIENTIA);
- Măsurări, senzori și traductoare (SAPIENTIA);
- Software în telecomunicații (UTC-N);
- Instruire asistată de calculator (SAPIENTIA, UA);
- Tehnologii de programare în Internet (SAPIENTIA);
- Arhitectura calculatoarelor (SAPIENTIA).

Domeniul de cercetare

- Prelucrarea digitală a semnalelor biologice;
- Tehnologia vorbirii:
  - Recunoașterea vorbirii continue, procesarea limbajului natural, dezvoltarea resurselor lingvistice, transcriere fonetică, predicția accentului, sinteza vorbirii;
- Tehnologii Java:
  - Programare Java, aplicații Web, servicii Web;
- Tehnologii IoT, analiza și prelucrarea șirurilor de date senzoriale.

Membru în organizații științifice și profesionale

- membru al corporației doctorilor a Academiei Maghiare de Științe
- membru al Filialei din Cluj a Academiei Maghiare de Științe
- membru EURASIP (European Association for Signal Processing)
- președinte al Secțiunii de Energetică și Electrotehnică a Societății Maghiare Tehnico - Științifice din Transilvania
- președinte al Comisiei de Științe Tehnice a Filialei din Cluj a Academiei Maghiare de Științe
- președinte al Asociației de Matematică Vályi Gyula

Membru în colective de redacție
Managing Editor, MACRo - Proceedings of the International Conference on Recent Achievements in Mechatronics, Automation, Computer Sciences and Robotics, DE GRUYTER OPEN, http://www.degruyter.com/view/j/macro

Tîrgu Mureș
02.09.2026

Conf.dr.ing. Domokos József

Domokos József

Digitally signed by Domokos József
Date: 2026.10.01 10:01:51 +03'00'

[1] Fundația Sapientia - Universitatea Sapientia
[2] Universitatea de Arte din Tîrgu Mureș
[3] Universitatea Tehnică din Cluj-Napoca

Lista de lucrări

Numele și prenumele: DOMOKOS József

A. Teza de doctorat.

1. *Contribuții la recunoașterea vorbirii continue și la procesarea limbajului natural*, susținută public în data de 19 Decembrie 2009, la Universitatea Tehnică din Cluj-Napoca, Facultatea de Electronică, Telecomunicații și Tehnologia Informației.

B. Cărți publicate

B1. Cărți (manuale, monografii, tratate, îndrumare etc.) publicate la edituri recunoscute în străinătate.

B2. Cărți (manuale, monografii, tratate, îndrumare etc.) publicate în țară, la edituri recunoscute CNCSIS.

1. **Domokos József**, Papp Sándor, Analóg elektronika laboratóriumi útmutató, îndrumător de laborator pentru Electronică analogică, Editura Scientia, Cluj-Napoca, 2019, 104 pagini, ISBN: 978-606-975-022-3. (http://real.mtak.hu/107620/1/Analog%20laborkonyv%20REAL.pdf)
2. **DOMOKOS József**, *Capitole selectate din tehnologia vorbirii*, Editura Risoprint, Cluj-Napoca, 2018, 193 pagini, ISBN: 978-973-53-2285-4.
3. ÁGOSTON Katalin, **DOMOKOS József**, MÁRTON Lörinc, *Érzékelők és jelátalakítok – Laboratóriumi útmutató*, îndrumător de laborator, Editura Scientia, Cluj-Napoca, 2007, 96 pag., ISBN: 978-973-7953-76-6.

B3. Cărți (manuale, monografii, tratate, îndrumare etc.) publicate la alte edituri sau pe plan local.

1. SEBESTYÉN Julianna, **DOMOKOS József**, *Szemelvények a Vályi Gyula Matematikai Társaság 20 éves tevékenységeiből*, Editura Studium, Tîrgu Mureș, 2015, 124 pag.
2. SEBESTYÉN Julianna, **DOMOKOS József,** *Szemelvények a Vályi Gyula matematikai társaság huszonöt éves tevékenységeiből*, Tîrgu Mureș, 2018, 149 pag., ISBN: 978-973-0-27634-3.

B4. Cărți (manuale, monografii, tratate, îndrumare etc.) publicate pe web.

B5. Capitole de cărți publicate în străinătate

B6. Capitole de cărți publicate în țară

C. Lucrări științifice publicate

C1. Lucrări științifice publicate în reviste cotate ISI

1. Katalin Ferencz, **József Domokos**, Levente Kovács, Cloud Integration of Industrial IoT - Systems. Architecture, Security Aspects and Sample Implementations, Acta Polytehnica Hungarica, Journal of Applied Sciences, ISSN 1785-8860, Volume 21, Issue Number 4, 2024, IF 1.8
   http://acta.uni-obuda.hu/Ferencz_Domokos_Kovacs_144.pdf

2. László Molnár, Isabella Ferando, Benjamin Liu, Parsa Mokhtar, **József Domokos**, Istvan Mody, *Capturing the power of seizures: an empirical mode decomposition (EMD) analysis of epileptic activity in the mouse hippocampus*, Frontiers in Molecular Neuroscience, Sec. Methods and Model Organisms, Volume 16, 2023, IF 3.5
doi: 10.3389/fnmol.2023.1121479
https://www.frontiersin.org/articles/10.3389/fnmol.2023.1121479/abstract

3. Erzsébet Domokos, Béla Bíró-Janka, János Bálint, Katalin Molnár, Csaba Fazakas, László Jakab-Farkas, **József Domokos**, Csilla Albert, Gyöngyvér Mara, Adalbert Balog, *Arbuscular Mycorrhizal Fungus Rhizophagus irregularis Influences Artemisia annua Plant Parameters and Artemisinin Content under Different Soil Types and Cultivation Methods*, MDPI Microorganisms 2020, 8, 899, doi:10.3390/microorganisms8060899, IF: 4.152
https://www.mdpi.com/2076-2607/8/6/899/pdf

4. Tanase, C., Domokos, E., Coșarcă, S., Miklos, A., Imre, S., **Domokos, J.**, and Dehelean, C. A. (2018). *Study of the ultrasound-assisted extraction of polyphenols from beech (Fagus sylvatica L.) bark*, BioResources, ISSN: 1930-2126, Vol. 13, Issue 2, pp. 2247-2267, IF 1.334
https://bioresources.cnr.ncsu.edu/wp-content/uploads/2018/02/BioRes_13_2_2247_Tanase_DCMIDD_Study_Ultrasound_Assisted_Extraction_Polyphenols_Beech_Bark_13154.pdf

5. Erzsébet DOMOKOS, **József DOMOKOS,** *Bird communities of different woody vegetation types from the Niraj valley, Romania***,** in Turkish Journal of Zoology, Volume 40, Number 5, 2016, pp. 734-742, DOI: 10.3906/zoo-1510-64, IF: 0.880
http://journals.tubitak.gov.tr/zoology/issues/zoo-16-40-5/zoo-40-5-11-1510-64.pdf

6. **József DOMOKOS**, Ovidiu BUZA, Gavril TODEREAN, *Romanian phonetic transcription dictionary for speeding up language technology development*, Language resources and evaluation, Vol. 49, Issue 2, June, 2015, pp. 311-325, Springer, ISSN: 1574-020X (Print), 1574-0218 (online), DOI 10.1007/s10579-013-9262-z, IF: 0.659
http://link.springer.com/article/10.1007/s10579-013-9262-z

C2. Lucrări științifice publicate în reviste indexate în baze de date internaționale (indicați și baza de date).

7. Katalin FERENCZ, Ernő RIGÓ, **József DOMOKOS**, Levente KOVÁCS, Implementation of Network Data Analysis Using the Neo4j Graph Database, Acta Universitatis Sapientiae, Electrica land mechanical engineering, Volume 16, 2024, pp. 162−176, DOI: 10.47745/auseme-2024-0014
Acta Universitatis Sapientiae, Electrical and Mechanical Engineering is covered by the following services: Baidu Scholar, CNKI Scholar (China National Knowledge Infrastructure), CNPIEC – cnpLINKer, Dimensions, EBSCO, ExLibris, Google Scholar, J-Gate, JournalTOCs, KESLI-NDSL (Korean National Discovery for Science Leaders), MTMT (Magyar Tudományos Művek Tára / Hungarian Science Bibliography), MyScienceWork, Naver Academic, Naviga (Softweco), QOAM (Quality Open Access Marker), ReadCube, SCILIT, Semantic Scholar, TDNet, Ulrich's Periodicals Directory/ulrichsweb, WanFang Data, WorldCat (OCLC), X-MOL

8. Katalin Ferencz, **József Domokos**, Levente Kovács, Analysis of Industrial Sensor Data Using Statistical and Regression Methods, System Theory, Control and Computing Journal,

Vol. 3 No. 1 (2023), pp. 36-44, DOI: https://doi.org/10.52846/stccj.2023.3.1.48, https://stccj.ucv.ro/index.php/stccj/article/view/48/37

9. Erzsébet Domokos, Beáta Csizmadia, Tímea Elekes, Andrea Krisztina Kárp, **József Domokos**, The Characteristic Medicinal Plants of Different Vegetation Types From The Niraj Valley, Romania, Acta Medica Marisiensis, ISSN: 2068 – 3324, Volume 64, p11-11. 1/2p, 2018.
   Revista Acta Medica Marisiensis este indexată în următoarele baze de date: Baidu Scholar, Case, Celdes, Chemical Abstracts Service (CAS) – Caplus, Chemical Abstracts Service (CAS) – SciFinder, CNKI Scholar (China National Knowledge Infrastructure), CNPIEC, DOAJ (Directory of Open Access Journals), EBSCO (relevant databases), EBSCO Discovery Service (since 01 July 2010, first indexed number - no.4/2010), Genamics JournalSeek, Google Scholar, J-Gate, JournalTOCs, KESLI-NDSL (Korean National Discovery for Science Leaders), Meta (formerly Sciencescape), Naviga (Softweco), Primo Central (ExLibris), Publons, ReadCube, ResearchGate, Sherpa/RoMEO, Summon (Serials Solutions/ProQuest), TDNet, Ulrich's Periodicals Directory/ulrichsweb, WanFang Data, WorldCat (OCLC)

10. *Ö. Darabont, K. J. Kiss,* ***J. Domokos****, Evaluation of Different Thin-Client Based Virtual Classroom Architectures*, Acta Universitatis Sapientiae, Electrical and Mechanical Engineering, ISSN 2066-8910, Vol 8, 2016, pp. 42−61
    Indexing: Baidu Scholar, CNKI Scholar, CNPIEC, EBSCO Discovery Service, Google Scholar, J-Gate, KESLI-NDSL, Naviga (Softweco), Primo Central (ExLibris), ReadCube, Summon (Serials Solutions/ProQuest), TDNet, WanFang Data, WorldCat (OCLC)

11. **József DOMOKOS**, László Sándor, Ovidiu Buza, Gavril Toderean, *Romanian Language Voice Browsing for Web Applications Using Grapheme Level Acoustic Modeling*, Advanced Engineering Forum, ISSN: 2234-991X, Vol. 8-9/2013, pp. 29 – 36, DOI: 10.4028/www.scientific.net/AEF.8-9.29. (http://www.scientific.net/AEF.8-9.29)
    Indexing: Thomson (Web of Science, CPCI/ISTP).

12. **József DOMOKOS**, Gavril TODEREAN*, Development of a Pronunciation Dictionary for the Romanian Language*, Buletinul Institutului Politehnic din Iași, Secția Electrotehnică, energetică, electronică, ISSN 1223-8139, Tomul LVII (LXI), Fasc. 6, 2011, pp. 51 – 61

    Buletinul Institutului Politehnic din Iași, Secția Electrotehnică, energetică, electronică este indexată în Index Copernicus, getCITED, Ulrich's.

13. Attila ASZALOS, **József DOMOKOS**, Tamás VAJDA, Sándor Tihamér BRASSAI, László DÁVID, *Exambrev - Integrated System for Patent Application*, Acta Universitatis Sapientiae, Electrical and Mechanical Engineering, ISSN 2065-5916, Vol. 2/2010, pp. 73-86.

    Revista Acta Universitatis Sapientiae, Electrical and Mechanical Engineering este inclusă în Baidu Scholar, CNKI Scholar, CNPIEC, EBSCO Discovery Service, Google Scholar, J-Gate, KESLI-NDSL (Korean National Discovery for Science Leaders), Naviga (Softweco), Primo Central (ExLibris), ReadCube, Summon (Serials Solutions/ProQuest), TDNet, WanFang Data, WorldCat (OCLC).

14. **DOMOKOS József**, TODEREAN Gavril, *Text Conditioning and Statistical Language Modeling Aspects for Romanian Language,* Acta Universitatis Sapientiae, Electrical and Mechanical Engineering, ISSN 2065-5916, Vol. 1/2009, pp.187-197.
    Acta Universitatis Sapientiae, Electrical and Mechanical Engineering is covered by the following services: Baidu Scholar, CNKI Scholar (China National Knowledge Infrastructure), CNPIEC – cnpLINKer, Dimensions, EBSCO, ExLibris, Google Scholar, J-Gate, JournalTOCs, KESLI-NDSL (Korean National

Discovery for Science Leaders), MTMT (Magyar Tudományos Művek Tára / Hungarian Science Bibliography), MyScienceWork, Naver Academic, Naviga (Softweco), QOAM (Quality Open Access Marker), ReadCube, SCILIT, Semantic Scholar, TDNet, Ulrich's Periodicals Directory/ulrichsweb, WanFang Data, WorldCat (OCLC), X-MOL

15. BUZA Ovidiu, TODEREAN Gavril, **DOMOKOS József**, BODO Árpád Zsolt, *Construction of a Syllable-Based Text-To-Speech System for Romanian*, Memoriile Secțiilor Stiintifice / Memoirs Of The Scientific Sections, Publishing House of the Romanian Academy, ISSN 1224-1407, ISBN 978-973-27-1551-2, Series IV, Tome XXXII, 2009.

    Revista Memoriile Secțiilor Științifice / Memoirs Of The Scientific Sections este indexată în bazele de date Zentralblatt și Mathematical Reviews.

16. **DOMOKOS József**, GAVRIL Toderean, *Continuous speech phoneme recognition using dynamic artificial neural networks*, Automation, Computers, Applied Mathematics – ACAM, ISSN 1221 – 437X, No. 1, Volume 17/2008, pp. 5-11.

    Revista Automation, Computers, Applied Mathematics – ACAM este în categoria B+ din partea CNCSIS și este inclusă în baza de date Mathematical Reviews.

17. **József DOMOKOS**, Gavril TODEREAN, *Frame by Frame Phoneme Classification using MLP*, Acta Tehnica Napocensis - Electronics and Telecommunications, ISSN: 1221-6542, Volume 48, 4/2007, pp.15-18.

    Revista Acta Technica Napocensis - Electronics and Telecommunications este în categoria B+ din partea CNCSIS și este inclusă în următoarele baze de date internaționale: ProQuest CSA's Technology Research Database (TRD), Metadex, Scirus, ArXiv, getCITED, GoogleScholar , JournalSeek, CERN Documents Server (CDS), NEBIS, ICAAP, German National Library of Science and Technology, Computer Science Bibliography, CiteSeer, IndexCopernicus, VINITI (Russia), Ulrich's Periodicals Directory.

18. Mircea-Florin VAIDA, **József DOMOKOS**, *Implementation of a Medical Multimedia Database Considering Oracle and J2EE Platform*, Acta Tehnica Napocensis - Electronics and Telecommunications, ISSN: 1221-6542, Volume 45, 1/2004, pp. 55-60.
    The Journal is indexed in ProQuest CSA's Technology Research Database (TRD), ProQuest Central, Arxiv, GoogleScholar , JournalSeek, NEBIS, German National Library of Science and Technology, Computer Science Bibliography, , EBSCOHost Online Research Databases (Applied Science & Technology Source Ultimate)
    The Journal has signed long term agreements with the following entities:
    ProQuest (http://www.csa.com/ids70/serials_source_list.php?db=hightech-set-c)
    IndexCopernicus (http://journals.indexcopernicus.com/masterlist.php?litera=a&start=0&skok=30)
    EBSCO (https://www.ebsco.com/products/research-databases/applied-science-technology-source-ultimate)
    MIAR - Information Matrix for the Analysis of Journals (http://miar.ub.edu/issn/1221-6542) includes basic information of the Journal.
    Romanian National Council of Scientific Research in Higher Education (CNCSIS) is rating (latest evaluation - 2011) the journal in B+ category (the highest, A, corresponding to ISI rated journals).

C3. Lucrări științifice publicate în reviste din străinătate (altele decât cele menționate anterior).

C4. Lucrări științifice publicate în reviste din țară, recunoscute CNCSIS (altele decât cele din baze de date internaționale).

C5. Lucrări științifice publicate în reviste, altele decât cele menționate anterior

C6. Lucrări științifice publicate în volumele manifestărilor științifice

1. VAIDA Mircea-Florin, **DOMOKOS József**, *Oracle 9i in managing medical images and multimedia content*, International workshop on trends and recent achievements in information technology, ISBN: 973-8335-49-3, pp. 144-151, 16 - 18 May 2002, Cluj-Napoca, România.

2. **DOMOKOS József**, Gavril TODEREAN, *Frame-by-frame phoneme classification using MLP,* Inter-ing Scientific Conference with International Participation, ISSN 1843 – 780X, pp. VI-1-1 - VI-1-6, 15 - 16 November 2007, Tîrgu Mureș, România.

3. BUZA Ovidiu, TODEREAN Gavril Ioan, **DOMOKOS József**, BODO Árpád Zsolt, *Voice Synthesis Application based on Syllable Concatenation,* IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR-Theta), pp. 473-478, May 22-25, 2008, Cluj-Napoca, România.
4. **DOMOKOS József,** TODEREAN Gavril, BUZA Ovidiu, *Statistical Language modeling on Susanne corpus*, Proceedings of the 7th International Conference COMMUNICATIONS 2008, ISBN: 978-606-521-008-0, pp. 69-72, June 5-7, 2008, București, România.
5. **DOMOKOS József,** TODEREAN Gavril, *Continuous speech phoneme recognition using dynamic neural networks*, Proceedings of the 12th International Conference on Applied Mathematics and Computer Science, pp. 14-15, September 10-13, 2008, Băișoara, România.

6. **DOMOKOS József,** TODEREAN Gavril, *Text conditioning and statistical language modeling aspects for Romanian language*, 1st International Conference on Recent Achievements in Mechatronics, Automation, Computer Science and Robotics (MACRo2009), March 20-21, 2009, Tîrgu Mureș, România.
7. **DOMOKOS József**, VAJDA Tamás, BRASSAI Sándor Tihamér, DÁVID László, *Integrated system for patent application examination (EXAMBREV)*, Proceedings of the 17th International Conference on Control Systems and Computer Science (CSCS 17), ISSN: 2066-4451, pp.135-140, 26-29 May, 2009, București, România.
8. **DOMOKOS József,** TODEREAN Gavril, BUZA Ovidiu, *Text conditioning and statistical language modeling for Romanian language,* From speech processing to spoken language technology - Proceedings of the 5th Conference Speech Technology and Human-Computer-Dialogue (SpeD 2009), ISBN: 987-973-27-1808-7, pp. 161-168, June 18-21, 2009, Constanța, România.
9. BUZA Ovidiu, TODEREAN Gavril, **DOMOKOS József**, *Building a Text to Speech System for Romanian through Concatenation,* presented as poster at the 5th Conference Speech Technology and Human-Computer-Dialogue (SpeD 2009), June 18-21, 2009, Constanța, România.
10. **DOMOKOS József**, VAJDA Tamás, BRASSAI Sándor Tihamér, DÁVID László, ASZALOS Attila, *EXAMBREV - Találmányok elbírálását automatikusan megvalósító integrált informatikai rendszer*, Kolozsvári Akadémiai Bizottság, Automatizálás és Számítástechnika szakbizottságának a Konferenciája (KAB 2009), October 30, 2009, Tîrgu Mureș, România.
11. VAJDA Tamás, **DOMOKOS József**, BRASSAI Sándor Tihamér, DÁVID László,

ASZALOS ATTILA, *Developement of EXAMBREV Integrated System for Patent Application*, Proceedings of the 4th edition of The INTER-ENG International Conference (INTER-ENG 2009), ISSN 1843-780X, pp. 309-314, 12-13 November, 2009, Tîrgu Mureș, România.

12. ASZALOS Attila, **DOMOKOS József**, VAJDA Tamás, BRASSAI Sándor Tihamér, DÁVID László, *EXAMBREV Integrated System for Patent Application Overview*, MACRo2010. Proceedings of the 2nd Inernational Conference on Recent Achievements in Mechatronics, Automation, Computer Science and Robotics (MACRo2010), Editura Scientia, 2010, ISBN: 978-973-1970-39-4, pp. 55-62, 14-15 May, 2010, Tîrgu Mureș, România.
13. BUZA, Ovidiu, TODEREAN Gavril, **DOMOKOS József**, *A rule-based approach to build a text-to-speech system for Romanian,* Proceedings of the 8th International Conference on Communications (COMM 2010), ISBN: 978-1-4244-6360-2, pp. 83-86, 10-12 June, 2010, București, România.
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D. Traduceri de cărți, capitole de cărți, alte lucrări științifice

E. Editare, coordonare de volume

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F. Invenții.

G. Contracte de cercetare (menționați calitatea de director sau membru)

Nr. crt.	Denumirea Temei	Beneficiar	Perioada	Calitate
1.	*Integrarea imagisticii medicale în societatea informațională*	CNCSIS A15/1055	2003 -2004	Membru proiect
2.	*Hibatűrő beszédfelismerési módszerek kidolgozása és gyakorlati megvalósítása (Dezvoltarea și implementarea unor metode tolerante la erori pentru recunoașterea vorbirii)*	Institutul Programelor de Cercetare al Fundației Sapientia	2005 -2006	Membru proiect
3.	*Contribuții la recunoașterea robustă a vorbirii continue*	Institutul Programelor de Cercetare al Fundației Sapientia	2006 -2007	Director proiect
4.	*Sistem informatic integrat, bazat pe inteligență artificială, pentru examinarea cererilor de brevet de invenție – EXAMBREV*	CNCSIS, PN II, PROGRAMUL 4 - "Parteneriate in domeniile prioritare" Nr. Proiect: 2859	2007 – 2010	Membru proiect
5.	*Nyelvi modellezés (Modelare lingvistică)*	Fundația EUROTRANS	2008	Director proiect
6.	*Internetes forrásokból begyűjtött szövegkorpuszok feldolgozása és morfológiai elemzése automatikus módszerekkel (Preprocesarea și analiza morfologică automată a corpusurilor de texte colectate de pe Internet)*	Fundația EUROTRANS	2009	Director proiect
7.	*Sistem de navigare vocală pentru limba română*	Proiect de cercetare postdoctorală, 4D POSTDOC, Universitatea Tehnică din Cluj-Napoca	2010-2013	Director proiect
8.	*Preparation and Transcription of Romanian Language Broadcast Speech Database*	AITIA International Inc. Budapest, Hungary, HU 13447393	2011-2013	Manager de proiect
9.	*Simple4All*	FP7, grant agreement no 287678	2013-2014	Expert procesare semnale

10.	*Virtuális gépterem kialakításának gazdasági és technológiai elemzése (Analiza tehnică și economică a realizării unui laborator didactic folosind virtualizarea resurselor de calcul)*	*TÁMOP-4.2.2.C-11/1/KONV-2012-0004*	2014-2015	Director de proiect
11.	*Preparation of Igor (Wawemetrics) Programs and Routines for Analysis of Local Field Potentials recorded in the Rodent Brain*	*University of Bonn NeuroCenter, Life and Brain Institute,*	2016-2025	Director de proiect
12.	*Analysis, signal processing and data mining of the long-term local field potential recordings from control and various neurological pduchiatric disorder model mice*	*Mody's laboratory at UCLA*	2019-2025	Membru
13.	*Valósidejű sérülékenységi információ menedzsment és támogatott kockázatértékelés kritikus információs infrastruktúrákban – I. rész (Managementul în timp real al informațiilor cu privire la vulnerabilitățile infrastructurilor informatice critice și oferirea de suport la evaluarea riscului – partea I)*	*Számítástechnikai és Automatizálási Kutatóintézet (SZTAKI) Institute For Computer Science And Control (https://www.sztaki.hu/en)*	2021 aprilie-2021 decembrie	Director de proiect
14.	*Valósidejű sérülékenységi információ menedzsment és támogatott kockázatértékelés kritikus információs infrastruktúrákban – II. rész (Managementul în timp real al informațiilor cu privire la vulnerabilitățile infrastructurilor informatice critice și oferirea de suport la evaluarea riscului – partea II)*	*Számítástechnikai és Automatizálási Kutatóintézet (SZTAKI) Institute For Computer Science And Control (https://www.sztaki.hu/en)*	2022 mai-2023 februarie	Director de proiect
15.	*Valósidejű sérülékenységi információ menedzsment és támogatott kockázatértékelés kritikus információs infrastruktúrákban – III. rész (Managementul în timp real al informațiilor cu privire la vulnerabilitățile infrastructurilor informatice critice și oferirea de suport la evaluarea riscului – partea III)*	*Számítástechnikai és Automatizálási Kutatóintézet (SZTAKI) Institute For Computer Science And Control (https://www.sztaki.hu/en)*	2023 iunie-2024 martie	Director de proiect
16.	*Valósidejű sérülékenységi információ menedzsment és támogatott kockázatértékelés kritikus információs infrastruktúrákban – IV. rész (Managementul în timp real al informațiilor cu privire la vulnerabilitățile infrastructurilor informatice critice și oferirea de suport la evaluarea riscului – partea IV)*	*Számítástechnikai és Automatizálási Kutatóintézet (SZTAKI) Institute For Computer Science And Control (https://www.sztaki.hu/en)*	2024 noiembrie-2025 martie	Director de proiect
17.	*Data-driven Forecast of Student Dropout*	*2024-2-HU01-KA220-HED-000295434, Erasmus+ KA2 Cooperation for innovation and the exchange of good practices.*	05.2025-10.2027	Cercetător
18.	*MedIT-HuB – Building Capacities in Digital Health Innovation*	*2025-1-HU01-KA220-HED-000361979. Erasmus+ KA2 Cooperation for innovation and the exchange of good practices.*	12.2025-10.2027	Cercetător

19.	*AI4NeuroScience*	*HU-RIZONT nemzetközi kiválósági kutatási együttműködési program (HU-RIZONT International Research Excellence Cooperation Program) 2025-1.2.1-HU-RIZONT*	2026-2028	Director de proiect

H. Creația artistică

H1 Participări la manifestații artistice internaționale
H2. Participări la manifestații artistice naționale
H3. Expoziții, filme, spectacole, concerte, discuri de autor, opere internaționale
H4. Expoziții, filme, spectacole, concerte, discuri de autor, opere naționale
H5. Produse cu drept de proprietate intelectuală în domeniul artistic

I. Premii, distincții.
Martie 2012 – bursa fundației Bolyai pentru dezvoltarea carierei cadrelor didactice tinere

Ianuarie – 2013 – bursa fundației Ballasi și a Ministerului Ungar al Resurselor Umane pentru sprijinul cadrelor didactice tinere

Ianuarie – 2014 – bursa fundației Ballasi și a Ministerului Ungar al Resurselor Umane pentru sprijinul cadrelor didactice tinere

Ianuarie – 2015 – bursa fundației Ballasi și a Ministerului Ungar al Resurselor Umane pentru sprijinul cadrelor didactice tinere

decembrie 2019 – premiu de excelență al OTDT pentru organizarea Conferințelor Cercurilor Științifice Studențești din Domeniul Științelor Tehnice de la Timișoara

decembrie 2023 – premiu de excelență al OTDT pentru organizarea secțiunii de informatică a celei de a 36. ediții a Conferinței Cercurilor Științifice Studențești

aprilie 2025 – insignă de argint OTDT 70 pentru activitatea îndelungată desfășurată în sprijinul studenților talentați

J. Citări

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K. Alte realizări semnificative.

Iunie 2007 - stagiu de pregătire în domeniul tehnologiei de vid, Gesellschaft für Schwerionenforschung mbH (GSI), Ultra High Vacuum Department.

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15 - 16 Septembrie 2008 – participare la Xilinx Professor Workshop – Embedded Design Kit, Universitatea Tehnică din Cluj-Napoca.

10 – 15 Aprilie 2011, participare la seminarul „Technological Development in a Sustainable Economy” organizat la Universitatea Tehnică “Gheorghe Asachi” din Iași.

18 – 23 Martie 2012, participare la seminarul „Research challenges for sustainable development”, organiztat la Universitatea “Politehnica” din Timișoara.

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Data,
02.09.2026

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