

Lista de lucrări în domeniul de știință definit de disciplinele din postul scos la concurs

NUMELE ȘI PRENUMELE: Vajda Tamás

I. LISTA PUBLICAȚIILOR RELEVANTE

1. H. Sandor, T. Szabo, **T. Vajda**, P. Haller, Z. Szanto, L. Marton, Video Supported Bilateral Teleoperation System: Design and Implementation, 14'th IEEE International Symposium on Computational Intelligence and Informatics, Budapest, Hungary, 2013.
2. **Tamás VAJDA**, Action Recognition Using DTW and Petri Nets, Studia Universitatis Babes-Bolyai Series Informatica, Volume LV, Number 2 (June 2010), pp 69-78, ISSN: 1224-869x. (The Journal is indexed in: MathSciNet)
3. **Tamás VAJDA**, "Using Dynamic Time Warping Algorithm Optimization For Fast Human Action Recognition", Acta Technica Napocensis – Electronics and Telecommunication, Volume 51, Number 2/2010 pp.32-37, ISSN 1221-6542.
4. **Tamás Vajda**, Ábrám Zoltán - Pictorial Structure Based People Detection and Pose Estimation in Videos. International Conference on Intelligent Computer Communication and Processing, ICCP 2011, 25-27 Aug. 2011, pp. 315 - 318.
5. **Tamás V.** and Lőrinc M.: General framework for human object detection and pose estimation in video sequences, In 5th IEEE International Conference on Industrial Informatics, 23-27 June 2007, Viena, pp. 467 – 472, ISSN: 1935-4576
6. **Tamás Vajda**, Emőke Szatmári, Sergiu Nedevschi -Human Body Detection and Tracking in Video Sequences Using Chamfer Matching. IEEE 3th International Conference on Intelligent Computer Communication and Processing, ICCP 2007, 6-8 Sept. 2007, p. 141-146, ISBN:978-1-4244-1491-8

II. LISTA COMPLETĂ DE PUBLICAȚII, CREAȚII, INVENȚII

A. Teza de doctorat.

Titlul tezei: *Înțelegerea comportamentului uman în secvențe de imagini* -2013

Conducătorul tezei de doctorat: Prof. dr. ing. Sergiu Nedevschi

Universitatea Tehnică din Cluj Napoca

Calificativ: foarte bine

C. Lucrări științifice publicate

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

7. Marton, Z. Szanto, P. Haller, T. Szabo, H. Sandor, **T. Vajda**, Bilateral teleoperation of wheeled mobile robots working in common workspace, (accepted) IAES International Journal of Robotics and Automation, Vol. 3, No. 1, March 2014. (The Journal is indexed in: Google Scholar, DOAJ, Directory of Open Access Journals, ProQuest, EBSCO, BASE

(Bielefeld Academic Search Engine), Indonesian Publication Index (IPI), CORE (Connecting REpositories) - Knowledge Media Institute (KMi))

8. **Tamás VAJDA**, Action Recognition Using DTW and Petri Nets, Studia Universitatis Babes-Bolyai Series Informatica, Volume LV, Number 2 (June 2010), pp 69-78, ISSN: 1224-869x. (The Journal is indexed in: MathSciNet (American Mathematical Society), Zentralblatt MATH (European Mathematical Society), EBSCO Publishing, Ulrichsweb.com (TM) Serials Solutions, ProQuest)
9. **Tamás VAJDA**, "Using Dynamic Time Warping Algorithm Optimization For Fast Human Action Recognition", Acta Technica Napocensis – Electronics and Telecommunication, Volume 51, Number 2/2010 pp.32-37, ISSN 1221-6542. (The Journal is indexed in ProQuest CSA's Technology Research Database (TRD), ProQuest Central, Metadex, Scirus , ArXiv , getCITED, GoogleScholar , JournalSeek, CERN Documents Server (CDS), NEBIS, ICAAP, German National Library of Science and Technology, Computer Science Bibliography, CiteSeer , IndexCopernicus (ICV 2009-4.19 2010-4.94, 2011-5.04) , VINITI (Russia) , Ulrich's Periodicals Directory , PerAbs , EBSCOHost Online Research Databases)
10. A. Aszalos, J. Domokos, **T. Vajda**, S. T. Brassai, L. Dávid: Exambrev - Integrated System for Patent Application, Acta Universitatis Sapientiae, Electrical and Mechanical Engineering, 2 (2010) 73-86 (The Journal is indexed in: EBSCO Publishing)

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

11. **Tamás Vajda**, Sergiu Nedevschi : Articulated Pose Estimation in Surveillance Videos ACAM Scientific Journal, Vol. 20 no.2, 2011, pp. 111-118, ISSN:1221-437X (B)

C6. Lucrări științifice publicate în volumele manifestărilor științifice

Conferințe indexate în baze de date internaționale (IEEE Xplore)

12. L. Marton, J. Artigas, P. Haller and **T. Vajda**, Passive Bilateral Teleoperation with Rate Limited Signals, IEEE 11th International Conference on Industrial Informatics, Bochum, Germany, 2013.
13. H. Sandor, T. Szabo, **T. Vajda**, P. Haller, Z. Szanto, L. Marton, Video Supported Bilateral Teleoperation System: Design and Implementation, 14th IEEE International Symposium on Computational Intelligence and Informatics, Budapest, Hungary, 2013.
14. **Tamás Vajda**, Ábrám Zoltán - Pictorial Structure Based People Detection and Pose Estimation in Videos. International Conference on Intelligent Computer Communication and Processing, ICCP 2011, 25-27 Aug. 2011, pp. 315 - 318.
15. **Tamas Vajda** Behavior Recognition Using Pictorial Structures and DTW 2010 IEEE International Conference on Automation, Quality and Testing, Robotics, Mai 28-29 2010, vol3, pp 198-201
16. **Tamás Vajda** Behavior Recognition Based on Dynamic Programming and Concurrence Probabilistic Petri Nets IEEE 6th International Conference on Intelligent Computer

Communication and Processing, ICCP 2010, Aug 26-28. 2010, pp. 179 – 184, ISBN: 978-1-4244-8229-0

17. **Tamás Vajda**, Behavior Recognition Using Template Matching, The 4th edition of the Interdisciplinarity in Engineering International Conference, pp. 283-288, November 12-13, 2009, ISSN 1843-780X
18. József Domokos, **Tamás Vajda**, Sándor Tihamér Brassai, László Dávid, Attila Aszalos: Development of EXAMBREV Integrated System for Patent Application, The 4th edition of the Interdisciplinarity in Engineering International Conference November 12-13, 2009
19. **Tamás Vajda** Action Recognition Based on Fast Dynamic-Time Warping Method IEEE 5th International Conference on Intelligent Computer Communication and Processing, ICCP 2009, Aug 27-29. 2009, pp. 127 – 131, ISBN: 978-1-4244-5007-7
20. **Tamás V.** and Lőrinc M.: General framework for human object detection and pose estimation in video sequences, In 5th IEEE International Conference on Industrial Informatics, 23-27 June 2007, Viena, pp. 467 – 472, ISSN: 1935-4576
21. **Tamás Vajda**, Emőke Szatmári, Sergiu Nedevschi -Human Body Detection and Tracking in Video Sequences Using Chamfer Matching. IEEE 3th International Conference on Intelligent Computer Communication and Processing, ICCP 2007, 6-8 Sept. 2007, p. 141-146, ISBN:978-1-4244-1491-8

Alte conferințe

22. T. Szabo, T. Vajda Robot detection based on visual information. Image 23th International Conference on Computer Science and Education, Satu Mare, Romania, pp. 225-228, Sibiu 2013, ISSN 1842-4546
23. T. Vajda, P. Haller, L. Marton, Performance Evaluation of periodical communication over WLAN. Image 23th International Conference on Computer Science and Education, Sibiu, Romania, pp. 225-228, October 2013, ISSN 1842-4546
24. Tamás Vajda : Moving object detection in video sequences using Integral Image 20th International Conference on Computer Science and Education, Satu Mare, Romania, pp. 225-228, October 2010, ISSN 1842-4546
25. Tamás Vajda, László Bakó, Sándor Tihamér Brassai. Using dynamic programming and Neural Network to Match Human Action, 11th International Carpathian Control Conference ICCS 2010, May 26-29 2010, Eger Hungary, pp 231-234.
26. József Domokos, Tamás Vajda, Sándor Tihamér Brassai, László Dávid – Integrated System for Patent Application Examination (EXAMBREV), CSCS17 - The 17th International Conference on Control Systems and Computer, 2009
27. Attila Vajda, Tamás Vajda – Software Development Lifecycles Models Comparison from Practitioner's Approach, CSCS17 - The 17th International Conference on Control Systems and Computer, 2009

28. Tamás Vajda : Attitude detection methods usability in behavior recognition 9th International Conference on Computer Science and Education, Tg-Mures, Romania, pp. 139-144, October 2009, ISSN 1842-4546
29. Tamás Vajda : Hierarchical human behavior recognition 8th International Conference on Computer Science and Energetics-Electrical Engineering, Sumuleu-Ciuc, Romania, pp. 139-144, October 2008, ISSN 1842-4546
30. Vajda Tamás: Fast Multi-View Human detection and attitude estimation , CSCS16 - The 16th International Conference on Control Systems and Computer, 2007
31. Tamás Vajda : Human Body Detection and Tracking in Video Sequences Using Chamfer Matching, 7th International Conference on Computer Science and Education, Oradea, Romania, pp. 54-58, October 2007, ISSN 1842-4546.

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

Nr	Titlul proiectului	Beneficiarul	Anul
1	Sistem informatic integrat, bazat pe inteligența artificială, pentru examinarea cererilor de brevet de invenție - EXAMBREV	CNCSIS, PN II, PROGRAMUL 4 - "Parteneriate în domeniile prioritare" Nr. Proiect: 2859	2007 - 2010
2	Reconfigurable control of robotic systems over networks	PN-II-RU-TE-2011-3-0005	2011-2014

Data,
20.01.2014

