



Curriculum vitae Europass



Informații personale

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Naționalitate(-tăți) Romana
Data nașterii 28.09.1987
Sex Feminin

Instituitia angajatoare Universitatea „Dunarea de Jos” din Galati
Domeniul de competenta asumat Ingineria sistemelor (IS), Inginerie electrica (IE)

Experiența profesională

Perioada 2010-prezent
Numele și adresa angajatorului Universitatea „Dunarea de Jos” din Galati, Domneasca, 47, Galati, 800008, Romania
Tipul activității sau sectorul de activitate Invatamant superior, Facultatea ACIEE, Departamentul AIE
Funcția sau postul ocupat Inginer
Activități și responsabilități principale Intretinere echipamente de conducere, intretinere linii de mecatronica, de Aasamblare si de prelucrarel, intretinere roboti, intretinere tehnica de calcul

Educatie si formare

Perioada 2012-prezent
Studii Studii doctorale in domeniul Inginerie Electrica
Numele și tipul instituției de învățământ / furnizorului de formare Instituitia Universitatea “Dunarea de Jos” din Galati
Perioada 2010-2012
Diploma obtinuta Diploma de master, Domeniul Ingineria Sistemelor, Programul de studii: Sisteme Informatice de Conducere Avansata
Disciplinele principale studiate / competențe profesionale dobândite Sisteme informatice de conducere avansata a robotilor, Tehnici informatice de conducere a sistemelor hibride, Cercetare-Proiectare in conducerea avansata
Numele și tipul instituției de învățământ / furnizorului de formare Universitatea „Dunarea de Jos” din Galati

Nivelul în clasificarea națională sau internațională	ISCED 5
Perioada	2006-2010
Diploma obtinuta	Dipoma de licenta cu titlul de inginer, Domeniul Ingineria sistemelor, Programul de studii: Automatica si Informatica Aplicata
Disciplinele principale studiate / competențe profesionale dobândite	Limbaje de programare, masini si actionari electrice reglabile, Teoria sistemelor in abordare structurala, Teoria sistemelor in abordare frecventiala, Microcontrolere si PLC-uri
Numele și tipul instituției de învățământ / furnizorului de formare	Universitatea „Dunarea de Jos” din Galati
Nivelul în clasificarea națională sau internațională	ISCED 5
Limba(i) maternă(e)	Limba romana
Limba(i) străină(e) cunoscută(e)	Engleza, Franceza
Competențe și aptitudini de utilizare a calculatorului	Configurarea sistemelor de operare Elaborarea documentelor cu diferite pachete de aplicatii (Microsoft Office, Open Office, editoare web etc).
Permis(e) de conducere	Categoria B

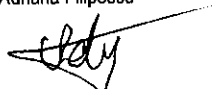
Lucrări publicate în proceedinguri (indexate ISI, SCOPUS, IFAC-PapersOnLine și/sau BDI) la conferințe internaționale

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2. Filipescu, A., Susnea, I., **Filipescu, A., Jr.**, Stamatescu, G., Distributed System of Mobile Platform Obstacle Avoidance and Control as Robotic Assistant for Disabled and Elderly,Proceedings of2009, IEEE International Conference on Control and Automation Christchurch, New Zealand, December 9-11, 2009,IEEE Catalog Number CFP09537,ISBN: 978-1-4244-4707-7, pp: 1886-1891(indexed WoS).
3. Mihalcea I., Radjabov S., **Filipescu, A., Jr.**, IntelligentTrajectory Tracking in Sliding Mode Based Wheeled Mobile Robot Control, Proceeding of 14th IEEE International Conference in Syatem Theory and Control, pp: 556-561, 17-19 Oct., Sinaia, Romania, 2010, ISSN: 2068-0465.
4. Dumitrascu B., Filipescu A., Radaschin A., **Filipescu A. Jr.**, Minca E.,-Discrete-Time Sliding Mode Control of Wheeled MobileRobots, Proceedings of the 8th Asian Control Conference, pp: 771 – 776, Kaohsiung, Taiwan, China, May 16-18, 2011, ISBN: 978-1-61284-487-9(indexed WoS).
5. Filipescu, A., Minzu, V., Dumitrascu, B., **Filipescu, A, Jr.**, Minca, E., Trajectory-tracking and discrete-time sliding-mode control of wheeled mobile robots, 2011 IEEE International Conference on Information and Automation, pp: 27-32, e-ISBN: 978-1-4577-0269-3, Print ISBN: 978-1-4577-0268-6, DOI: [10.1109/ICINFA.2011.5948958](https://doi.org/10.1109/ICINFA.2011.5948958), 6-8 June 2011, Shenzhen, China.
6. Dumitrascu, B., Filipescu, A., Vasilache, C., Minca, E., **Filipescu, A. Jr.**, Discrete-time sliding-mode control of four driving/steering wheels mobile platform, The Proceedings of 19th IEEE Mediterranean Conference on Control & Automation, pp: 1076–1081, ISBN: 978-1-4577-0124-5, DOI: [10.1109/MED.2011.5983167](https://doi.org/10.1109/MED.2011.5983167), 20-23 June 2011, Corfu, Greece (indexed WoS).
7. Dumitrascu, B., Filipescu, A., Minzu, V., and **Filipescu, A., Jr.**, -Backstepping Control System Theory, Control and Computing, pp: 206-211, 14-16 Oct., Sinaia, Romania, 2011, ISBN: 978-973-621-323-6;
8. Radaschin, **A.**, Filipescu, **A.**, Minzu, V., Minca E., and **Filipescu. A., Jr.**,-Adaptive disassembly sequence control by using mobile robots and system information, Proceeding of 15th IEEE International Conference in System Theory, Control and Computing, pp: 499-505, 14-16 Oct., Sinaia, Romania, 2011, ISBN: 978-973-621-323-6.
9. Filipescu, A., Susnea, I., Minzu, V., Minca, E., Serbencu, A., **Filipescu Jr, A.**,-Path Following Fuzzy Control and Bubble Rebound Obstacle Avoidance Method of a WMR mobile platform, 18th International Conference on Control Systems and Computer Science, proceedings, CSCS 18, 24-27 May, 2011, Bucharest, ed. Politehnica press, ISSN 2066-4451, pp.404-409.

10. Minca, E., Stefan, V., Filipescu, A., Serbencu, A., **Filipescu, A., Jr.**, Two Approaches in Modeling of Assembly/Disassembly Line with Integrated Manipulator Mounted on Mobile Platform, International Conference on System Theory, Control and Computing, Joint Conference SINTES 16, SACCS 12, SIMSIS 16, Proceedings of the 16th IEEE, International Conference on System Theory, Control and Computing, ICSTCC2012 12-14, Oct. Sinaia, 2012, ISBN 978-606-834-848-3, IEEE Catalog Number CFP1236P-CDR.
11. Minca, E., Voda, A., Filipescu, A., and **Filipescu, A., Jr.**: Hybrid Model Based Control of a Mechatronics Line Served by Mobile Robot with Manipulator, In Proceedings of the 8th IEEE International Conference on Industrial and Electronic Application (ICIEA2013), pp: 1296-1301, ISBN: 978-1-4673-6322-8, 19-21, June, 2013, Melbourne, Australia (indexed WoS).
12. Petrea, G., Filipescu, A., Minca, E., Voda, A., **Filipescu, A., Jr.**, Serbencu, A., Hybrid Modelling Based Control of a Processing/Reprocessing Line Served by an Autonomous Robotic System, International Conference on System Theory, Control and Computing, Joint Conference SINTES 16, SACCS 12, SIMSIS 16, Proceedings of the 16th IEEE, International Conference on System Theory, Control and Computing, ICSTCC2013 11-13, Oct. Sinaia, 2013, pp: 410-415, ISBN: 978-1-4799-2228-4/13/\$31.00 ©2013 IEEE(indexed WoS).
13. **Filipescu, A., Jr.**, Petrea, G., Filipescu, A., Minca, E., Filipescu, S.,-Discrete modelling based control of a processing/reprocessing mechatronics line served by an autonomous robotic system, The 4th International Symposium on Electrical, and Electronics Engineering, ISEEE 2013, 11-13, Oct, Galati, 2013, ISBN: 978-1-4799-2442-4/13/\$31.00 ©2013 IEEE(indexed WoS).
14. **Filipescu, A., Jr.**, Petrea, G., Filipescu, A., Filipescu, S.,-Modeling and Control of a Mechatronics System Served by a Mobile Platform Equipped with Manipulator, Proceedings of the 33rd Chinese Control Conference, July 28-30, 2014, Nanjing, China, pp: 6577-6582, ISBN:978-988-15638-4-2, IEEE Catalog number CFP:1441A-CDR(indexed WoS).
15. Filipescu, A., **Filipescu, A., Jr.**, Simulated Hybrid Model of an Autonomous Robotic System Integrated into Assembly/Disassembly Mechatronics Line Preprints of the 19th World Congress The International Federation of Automatic Control, Cape Town, South Africa. August 24-29, 2014, pp.9223-9228, Copyright © 2014 IFAC, DOI:10.3182/20140824-6-ZA-1003.00556.
16. Solea, R., Filipescu, A., **Filipescu, A., Jr.**, Minca, E., Filipescu, S., Wheelchair Control and Navigation Based on Kinematic Model and Iris Movement, Proceedings of the 2015 7th IEEE International Conference on Robotics, Automation and Mechatronics (CIS&RAM), 15 – 17 July 2015 Angkor Wat, Cambodia, IEEE Catalog Number: CFP15835-CDR, ISBN: 978-1-4673-7336-4, pp:78-83 (indexed WoS).
17. Filipescu, A., Minca E., Voda A., Dumitrascu B., **Filipescu A., Jr.**, Ciubucciu G., Sliding-Mode Control and Sonnar Based Bubble Rebound Obstacle Avoidance for a WMR, Proceedings of the 19th IEEE, International Conference on System Theory, Control and Computing, ICSTCC 2015 14-16, Oct., Cheile Grădiștei, Romania, 2015, pp.105-110, ISBN: 978-1-4799-8481-7©2015 IEEE (indexed WoS).
18. Ciubucciu, G., Filipescu, A., **Filipescu, A., Jr.**, Filipescu, S., Dumitrascu, B., Control and Obstacle Avoidance of a WMR Based on Sliding-Mode, Ultrasounds and Laser; Proceedings of the 12th IEEE International Conference on Control and Automation, Kathmandu, Nepal, June 1-3, 2016, pp.779-784, ISBN: 978-1-5090-1737-9/16/\$31.00 ©2016 IEEE(indexed WoS).
19. Filipescu A., **Filipescu A., Jr.**, Minca, E., Voda, A., Hybrid Modeling, Balancing and Control of a Mechatronics Line Served by Two Mobile Robots, Proceedings of the 20th IEEE, International Conference on System Theory, Control and Computing, ICSTCC 2016, ISBN: 978-1-5090-2720-0/16/\$31.00 ©2016 IEEE, pp:234-239, 14-16, Oct., Sinaia, Romania.

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20. Filipescu, A., Minzu, V., **Filipescu, A., Jr.**, Minca E., "Discrete-Time Sliding-Mode Control of a Mobile Platform with Four Driving/Steering Wheels", Lecture Notes in Electrical Engineering, Book Title: Advances in Automation and Robotics, Vol.1, Series Volume 122, Series ISSN 1876-1100, Publisher Springer Berlin Heidelberg.
21. Susnea I, Filipescu A., **Filipescu A., Jr.**, Coman G., Wheeled Mobile Robot Control Using Virtual Pheromones, Petroleum-Gas University of Ploiesti Bulletin, Technical Series, Vol LXI, no.3/2009, ISSN 1224-8495, pp. 117-126, cod CNCSIS 38.
22. Filipescu, A., Minca, E., **Filipescu, A., Jr.**, Petrea, G., Modeling and Control of Assembly/Disassembly Mechatronic Line Served by Robotic Manipulator Mounted on Mobile Platform The Annals of "Dunărea de Jos" University of Galati



Fascicle III, Year 2012: Volume 35, Number 1, Electrotechnics, Electronics, Automatic Control, Informatics, ISSN 1221-454X, pp:17-22.

23. Petrea ,G., Filipescu, A., Minca, E., Voda, A., **Filipescu, A., Jr.**, Hybrid Modelling Based Control of a Processing/Reprocessing Line Served by an Autonomous Robotic System, The Annals of "Dunărea de Jos" University of Galati Fascicle III, Year 2013, Volume 36, Number 1, pp:13-18, Electrotechnics, Electronics, Automatic Control, Informatics, ISSN 1221-454X.
24. Minca, E., Filipescu A., Coanda H., G., Fratila, C., Ion, F., **Filipescu, A., Jr.**, Hybrid Models for Simulation of Mechatronics Lines Served by Parallel or Collaborative Mobile Robots, accepted paper Journal of Control Engineering and Applied Informatics, ISSN 1454-8658, ISI Impact Factor of the journal is 0.449.

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