Curriculum vitae Europass



Informaţii personale

Nume / Prenume	**Stoica, Adrian-Mihail**
Adresă(e)	Bucureşti
Telefon(oane)	0214117864 Mobil 0745189431
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E-mail(uri)	adrian.stoica@upb.ro
Naţionalitate(-tăţi)	Romana
Data naşterii	30.11.1954
Sex	Masculin

Locul de muncă vizat / Domeniul ocupaţional

(rubrică facultativă, vezi instrucţiunile)

Experienţa profesională

Perioada	Din noiembrie1988 pana in prezent
Funcţia sau postul ocupat	1988-1994 asistent, 1994-1996 sef lucrari, 1996-2000- conferenţiar, din 2000-profesor universitar la Facultatea de inginerie aerospaţiala din cadrul Universităţii „Politehnica” din Bucureşti. Din 2008, conducător de doctorat, domeniul fundamental Stiinţe inginereşti, domeniul Inginerie aerospaţială
Activităţi şi responsabilităţi principale	Activitati didactice: predare cursuri, activitati de seminar, laborator si proiectare in automatizarea aparatelor de zbor, indrumare proiecte de diploma, licenta si dizertatii, activitati de cercetare stiintifica, conducere doctorat, director centru de cercetari din cadrul facultatii, directorul departamentului Ingineria sistemelor aeronautice şi management aeronautic „Nicolae Tipei” de la Facultatea de inginerie aerospatiala Conducător de doctorat din 2008
Numele şi adresa angajatorului	Universitatea POLITEHNICA din Bucuresti
Tipul activităţii sau sectorul de activitate	Activitate didactica si de cercetare în domeniul sistemelor de comandă automată în aviaţie
Perioada	Din octombrie 1979 pana in noiembrie1988
Funcţia sau postul ocupat	Inginer proiectant
Activităţi şi responsabilităţi principale	Proiectare echipamente de comanda automata pentru procese secventiale utilizand automate programabile si calculatoare de proces
Numele şi adresa angajatorului	Institutul de proiectare si cercetare pentru automatizari , tehnica de calcul si telecomunicatii-Bucuresti
Tipul activităţii sau sectorul de activitate	Proiectare instalatii de automatizare

Educaţie şi formare

Perioada	Din octombrie 1974 pana in iulie 1979
Calificarea / diploma obţinută	Inginer

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Disciplinele principale studiate / competenţe profesionale dobândite	Automatica si calculatoare
Numele şi tipul instituţiei de învăţământ / furnizorului de formare	Institutul Politehnic din Bucuresti, Facultatea de automatica si calculatoare
Nivelul în clasificarea naţională sau internaţională	(rubrică facultativă, vezi instrucţiunile)
Perioada	1989-1993
Calificarea / diploma obţinută	Doctor Inginer
Disciplinele principale studiate / competenţe profesionale dobândite	Automatizarea aparatelor de zbor
Numele şi tipul instituţiei de învăţământ / furnizorului de formare	Universitatea „Politehnica" din Bucureşti, Facultatea de Inginerie aerospatiala
Nivelul în clasificarea naţională sau internaţională	(rubrică facultativă, vezi instrucţiunile)

Limba(i) străină(e) cunoscută(e)

Autoevaluare	**Înţelegere**		**Vorbire**		**Scriere**
Nivel european (*)	Ascultare	Citire	Participare la conversaţie	Discurs oral	Exprimare scrisă
Franceza	C1	C1	C1	C1	C1
Engleza	C1	C1	C1	C1	C1

(*) Nivelul Cadrului European Comun de Referinţă Pentru Limbi Străine

Competenţe şi abilităţi sociale	Organizare manifestari stiinţifice cu participare internaţională, ex. Lecture Series SCI-166, NATO-RTO "Achieving Successful Robust Integrated Control System Designs for the 21st Century Military Applications", Bucharest, 19-20 May 2005; Workshop "Integrated Control in Manufacturing Systems", 2000, Bucharest
Competenţe şi aptitudini organizatorice	Directorul departamentului Ingineria sistemelor aeronautice si management aeronautic "Nicolae Tipei" din cadrul Facultăţii de ingineria aerospaţiala din UPB (2005-2020); Director al Centrului de cercetări pentru aeronautică şi spaţiu din UPB (2001-2005) Directorul Subprogramului "Produse şi aplicaţii ale tehnologiilor spaţiale şi aeronautice" din cadrul PNCDI-I "AEROSPATIAL" (2003-2006); Director 11 proiecte de cercetare, dintre care 2 internaţionale
Competenţe şi aptitudini tehnice	Proiectare, simulare, analiza sistemelor de comanda automata, legi de dirijare, comanda automată a zborului, sisteme dinamice stocastice, algoritmi si metode de calcul numeric, filtrarea semnalelor.
Competenţe şi aptitudini de utilizare a calculatorului	Descrieţi aceste competenţe şi indicaţi contextul în care au fost dobândite: MATLAB/SIMULINK, C++, FORTRAN, PASCAL, Procesare texte: LATEX, MS Office.
Competenţe şi aptitudini artistice	Descrieţi aceste competenţe şi indicaţi contextul în care au fost dobândite. (Rubrică facultativă, vezi instrucţiunile)
Alte competenţe şi aptitudini	Descrieţi aceste competenţe şi indicaţi contextul în care au fost dobândite. (Rubrică facultativă, vezi instrucţiunile)
Permis(e) de conducere	Da, categoria B

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Informaţii suplimentare

1. Membru al Technical Committee for Aerospace al Federaţiei Internaţionale de Automatică (IFAC);
2. Membru AIAA (American Institute for Aeronautics and Astronautics)
3. Membru AMS (American Mathematical Society)
4. Expert evaluator în cadrul Consiliului Naţional al Cercetării Ştiinţifice Universitare din Ministerul Educaţiei Naţionale
5. Expert pe termen scurt în proiectul „Dezvoltarea unui Sistem Operaţional al Calificărilor din Învăţământul Superior din România", contract nr. POSDRU/2/1.2/S/2, codul proiectului – 1622, (expert pe termen scurt pentru specializările „Echipamente şi instalaţii de aviaţie" – Licenţă, şi „Avionică şi navigaţie aerospaţială" – Master), 2009 - 2011
6. Coordonare şi participare la realizarea dosarelor de acreditare ARACIS pentru programele de licenţă „Echipamente şi instalaţii de aviaţie" şi master „Avionică şi navigaţie aerospaţială".
7. Membru al Consiliului Facultăţii de inginerie aerospaţială
8. Membru al Senatului UPB

Anexe

Lista lucrări

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LISTA DE LUCRARI

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V. Drăgan, T. Morozan, A.-M. Stoica, “Mathematical Methods in Robust Control of Discrete-Time Linear Stochastic Systems”, Springer, 2010, ISBN 978-1-4419-0629-8.

V. Drăgan, T. Morozan, A.-M. Stoica, “Mathematical Methods in Robust Control of Linear Stochastic Systems”, Springer, Second edition 2013, ISBN 978-1-4614-8662-6.

V. Drăgan, T. Morozan, A.-M. Stoica, “Mathematical Methods in Robust Control of Linear Stochastic Systems”, Springer, 2006, ISBN 0-387-30523-8, 2nd Edition, 2013, ISBN 978-1-4614-8662-6, 442 pages.

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V. Ionescu, A. Stoica "Robust stabilisation and H-infinity problems", Kluwer Academic Publishers, 1999, ISBN 0-7923-5753-1.

Papers in journals

Stoica A.-M.**, I.** Yaesh, **„**Mixed Control Strategy for a Class of Sector Bounded Non Linear Systems“, Entropy, 27(3), 2025, **2.2 Impact factor**

Stoica A.-M., I. Yaesh „Stochastic Anti-Resonance for Systems with Multiplicative Noise and Sector Type Nonlinearities“, Entropy, 26(2), 2024, **2.0 Impact factor**

Stoica A.-M. „H∞ Type Control for Multi-Agent Systems Subject to Stochastic State Dependent Noise”, SIAM Journal on Control and Optimization, April 2023, **2.5 Impact factor**

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Stoica A.-M. Yaesh, I., „Static Output Feedback Control of Linear Parameter varying Systems”, Annals of AORS: Series on Mathematics and its Applications, Jan. 2023

Stoica, A.-M., Yaesh, „Static Output Feedback Design in an Anisotropic Norm Setup”, Ann. Acad. Rom. Sci, Ser. Math. Appl. Vol. 12, No. 1-2, 2020, ISSN 2066-5997

Stoica, A.-M., Yaesh I., „Hopfield networks with multiplicative noise in an anisotropic norm setup”, Ann.Acad.Rom. Sci, Ser Math Appl, Vol. 11, No. 1, 2019.

Stoica, A.-M., Yaesh I., A Positive Real-Lemma Type Result with Respect to the Anisotropic Norm for Stochastic Systems with Multiplicative Noise, Symposium on Robust Control Design, 2018, vol. 51, issue 25, p. 281-286, WOS: 000451054400048

Stoica A.-M., Yaesh I., „State-feedback Q-stabilization and robust gamma-attenuation performance with respect to the anisotropic norm of discrete-time dynamic systems“, Bulletin mathematique de la societe des sciences mathematiques de Roumanie, 2018, vol. 61, no. 4, p. 491-500, WOS 000454162900011, **0.484 Impact factor**

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A. Stoica, "Optimal guidance in airport area", *Scientific Bulletin University "Politehnica" of Bucharest*, Tome XLVIII, p.81-91,1986

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Papers in conferences proceedings

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Stoica A.-M., I. Avital, I. Yaesh „Position/Velocity Aided Leveling Loop - Continuous-Discrete Time State Multiplicative-Noise Filter Case" , ICINCO Conference, Rome Italy, 2023

A.-M. Stoica**, „**H ∞ Type Control of Periodic Stochastic Systems Subject to Multiplicative White Noises; Application to Satellite AOCS Design", Proceedings of ICINCO 2024, Porto

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A.-M. Stoica, P.-V. Parvu, C. Ene, „An H-infinity Design Method for the Pitch Attitude Hold Autopilot of a Flying UAV", Proceedings of the 18th International conference AFASES, Braşov, Romania, 26-28 May 2016;

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A.-M. Stoica, C. Constantinescu **"**, An H_∞ State Feedback Control Law for Launch Vehicles", Proceedings of ICMERA, 24-27 October, 2014.

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A.-M. Stoica, C. Drăgăşanu, A Mixed Kalman/ H_∞ Filtering Approach for Augmented Proportional Navigation Guidance", Proceedings of the 64th International Astronautical Congress, Beijing, 24-27 September 2013.

I.Yaesh, A.-M. Stoica, „Leveling Loop Design and State Multiplicative Noise Kalman Filtering" Itzhack Y. Bar-Itzhack Memorial Symposium on Estimation, Navigation, and Spacecraft Control, Haifa, Israel, October 14–17, 2012.

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