

INFORMAȚII PERSONALE



Corina Macovei

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Sex F | Data naștere 06/07/1988 | Naționalitate Română

EDUCAȚIE

1.10.2014-Prezent

DOCTORAND UNIVERSITATEA POLITEHNICA DIN BUCUREȘTI

Facultatea de Electronică, Telecomunicații și Tehnologia Informației

Tema tezei de doctorat: Dezvoltarea de metode și tehnici criptografice folosind teoria haosului și statistica

01.02.2013-30.06.2013

Internship Master

Télécom ParisTech, Paris, Franța

Departmentul de procesare de semnal și imagini

- Tema disertație: Multilateral Layered Video Coding Based on Distributed Video Coding and Scalable Distributed Video Coding

01.10.2011-17.09.2013

Master în Știința Calculatoarelor și Tehnologia Informației

Universitatea Politehnica din București

Facultatea De Electronică, Telecomunicații și Tehnologia Informației

- Tehnici de Analiza, Modelarea și Simulare pentru Imagistică, Bioinformatică și Sisteme Complexe

01.10.2007-30.06.2011

Inginer în Știința Calculatoarelor și Tehnologia Informației

Universitatea Politehnica din București

Facultatea de Automatică și Calculatoare

EXPERIENȚĂ PROFESIONALĂ

- 12.08.2019-Prezent **Inginer Software**
CEGEKA ROMANIA SRL (Consultant @VODAFONE ROMANIA)
- 29.02.2016-31.07.2019 **Inginer Software**
DB GLOBAL TECHNOLOGY SRL, DEUTSCHE BANK ROMANIA
- 22.10.2013-29.02.2016 **Consultant în securitate IT**
QUANTRIO CONSULTING SRL

COMPETENȚE PERSONALE

Limba maternă Româna

Alte limbi	ÎNȚELEGERE		VORBIRE		SCRIERE
	Ascultare	Citire	Conversație	Vocabular	
Engleza	C1	C1	B2	B2	C1
Certificat de Engleză Nivel Intermediar					
Franceza	B1	B1	B1	B1	B1

Nivel: A1/2: Utilizator de bază - B1/2: Utilizator independent - C1/2 Utilizator expert

INFORMAȚII SUPLIMENTARE
Publicații

- Corina Macovei, Mircea Răducanu, Octaviana Datcu, "Image encryption algorithm using wavelet packets and multiple chaotic maps", International Symposium on Electronics and Telecommunications (ISETC), IEEE, November 2020, Timișoara, Romania (in press)
- Corina Macovei, Adina-Elena Lupu (Blaj), Mircea Răducanu, Octaviana Datcu, "Key extraction in a chaos-based image cipher and wavelet packets", ATOM-N 2020, The 10th edition of the International Conference "Advanced Topics in Optoelectronics, Microelectronics and Nanotechnologies," 20 - 23 August 2020, Constanta, Romania, EXCELLENT PAPER AWARD (in press)
- Corina Macovei, Adina-Elena Lupu (Blaj), Mircea Răducanu, "Enhanced cryptographic algorithm based on chaotic map and wavelet packets", U.P.B. Sci. Bull., Series C Vol. 82, Iss. 4, 2020, ISSN 2286-3540 (in press)
- Corina Macovei, Alexandru Văduva, Adriana Vlad, Bogdan Badea, "The autocorrelation function of the logistic map chaotic signal in relation with the statistical independence issue", 13th International Conference on Communications (COMM), Bucuresti, Romania, June 2020, pp. 25-30, IEEE, doi: 10.1109/COMM48946.2020.9142000
- Octaviana Datcu, Corina Macovei, Radu Hobincu, "Chaos Based Cryptographic Pseudo-Random Number Generator Template with Dynamic State Change," Appl. Sci. 2020, <https://doi.org/10.3390/app10020451>, Published: 8 January 2020, <https://www.mdpi.com/2076-3417/10/2/451>, Applied Sciences-Basel, Vol. 10, Issue: 2, Article Number: 451, JAN 2020, MDPI, ST Alban-Anlage 66, CH-4052 Basel, Switzerland, Impact Factor: 2.474, Q2.
- Octaviana Datcu, Radu Hobincu, Corina Macovei, "Singular Value Decomposition to Determine the Dynamics of a Chaotic Regime Oscillator," 2019 International Semiconductor Conference, CAS Proceedings, Sinaia, Romania, October 2019, pp. 119-122
- Octaviana Datcu, Radu Hobincu, Corina Macovei, "Genetic Algorithms for high-Order sliding-Mode Observers," 2019 International Semiconductor Conference, Sinaia, CAS Proceedings, Romania, October 2019, pp. 305-308
- Hobincu, R., Datcu, O., & Macovei, C. (2019, July). "Entropy global control for a chaos based pRNG." In 2019 42nd International Conference on Telecommunications and Signal Processing (TSP) (pp. 432-435). IEEE.
- Macovei, C., Văduva, A., Vlad, A., & Zamfir, M. (2019, July). "A mean test on the autocorrelation function of a chaotic signal aiming to support the statistical independence sampling distance." In 2019 International Symposium on Signals, Circuits and Systems (ISSCS) (pp. 1-4). IEEE.
- G. Petrazzuoli, C. Macovei, I.-E. Nicolae, M. Cagnazzo, F. Dufaux, B. Pesquet-Popescu, "Versatile layered depth video coding based on distributed video coding", WiAmis 2013 Conference, 14th International Workshop on image and audio analysis for multimedia interactive services, July 3-5, 2013, Institut Mines-Télécom, Télécom-ParisTech, Paris, France.

Școli de vară

- "Security and Privacy in Digital Life - 2015", Summer School Privacy, Security & Trust, June 29th - July 10th 2015, Trento, Italy
- "Advances in Systems and Synthetic Biology – Modelling Complex Biological Systems in the Context of Genomics Thematic Research School" 25-29 March 2013, Nice, France
- "International Summer School on Multiscale Bio-medical Imaging" Zurich Center for Imaging Science and Technology (CIMST) 3-14 September 2012, ETH Zurich, Switzerland
- "ISIP - International School on Image Processing", 16-27 July 2012, Brasov, Romania
- "ITEMS Summer School Image Processing on medical images" 11-29 June 2012, Brasov-Oradea-Bucharest, Romania