

Curriculum Vitae



Personal information

First name(s) / Surname(s)	Silviu Ciochină
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E-mail	silviu@comm.pub.ro
Nationality	Romanian
Date of birth	July 1st 1948
Gender	Male

Desired employment / Occupational field (remove if not relevant, see instructions)

Work experience

Dates	2004 – present
Occupation or position held	Director of the Telecommunications Department
Main activities and responsibilities	
Name and address of employer	"Politehnica" University of Bucharest, Romania, Faculty of Electronics, Telecommunications and Information Technology, Telecommunications Department.
Type of business or sector	Education
Dates	1995-present
Occupation or position held	Professor
Main activities and responsibilities	- Digital Signal Processing (bachelor course), Adaptive algorithms, Spectral estimation and sensor areas processing, Advanced DSP techniques (master courses)
Name and address of employer	"Politehnica" University of Bucharest, Romania, Faculty of Electronics, Telecommunications and Information Technology, Telecommunications Department.
Type of business or sector	Education
Dates	1990 – 1995
Occupation or position held	Associate professor
Main activities and responsibilities	- Lectures on Digital Signal Processing, Measurement instrumentation (bachelor courses), Adaptive algorithms, (master course)

Name and address of employer	"Politehnica" University of Bucharest, Romania, Faculty of Electronics, Telecommunications and Information Technology, Telecommunications Department.													
Type of business or sector	Education													
Dates	1979-1990													
Occupation or position held	Lecturer													
Main activities and responsibilities	Lectures and application on Measurement instrumentation, Radar													
Name and address of employer	"Politehnica" University of Bucharest, Romania, Faculty of Electronics and Telecommunications, Radio communications Chair													
Dates	Education 1971-1979													
Occupation or position held	Teaching assistant													
Main activities and responsibilities	Applications on Signals, Circuits and Systems													
Name and address of employer	"Politehnica" University of Bucharest, Romania, Faculty of Electronics and Telecommunications, Radio communications Chair													
Type of business or sector	Education													
Education and training														
Dates	1974-1978													
Title of qualification awarded	Ph.D, spec. Electronic Engineering and Telecommunications													
Principal subjects/occupational skills covered	Data communications													
Name and type of organisation providing education and training	"Politehnica" University of Bucharest, Romania, Faculty of Electronics and Telecommunications, Telecommunications Department.													
Dates	1966-1971													
Title of qualification awarded	Engineer Diploma, Section: Radio communications													
Principal subjects/occupational skills covered	Data and analog transmissions; Transmissions systems; Wireless communications; Circuits and Signals													
Name and type of organisation providing education and training	Institutul Politehnic Bucuresti Romania, Faculty of Electronics and Telecommunications,													
Dates	1955-1966													
Title of qualification awarded	High School Diploma													
Principal subjects/occupational skills covered	Mathematics and Physics Department													
Name and type of organisation providing education and training	" G. Bacovia " High School in Bacau.													
Personal skills and competences														
Mother tongue(s)	Romanian													
Other language(s)														
Self-assessment														
European level (*)														
	<table border="1"> <tr> <th colspan="2">Understanding</th> <th colspan="2">Speaking</th> <th>Writing</th> </tr> <tr> <td>Listening</td> <td>Reading</td> <td>Spoken interaction</td> <td>Spoken production</td> <td></td> </tr> </table>		Understanding		Speaking		Writing	Listening	Reading	Spoken interaction	Spoken production			
Understanding		Speaking		Writing										
Listening	Reading	Spoken interaction	Spoken production											

English		Excellent		Excellent		Excellent		Excellent		Excellent
French		Very Good		Excellent		Very Good		Good		Average

(*) Common European Framework of Reference for Languages

Social skills and competences	Team work, team management
Organisational skills and competences	Director of the Telecommunications Department in the University Project director to 17 national projects Team coordinator to 3 FP6 European projects ARACIS,CNCSIS,ACPART expert
Technical skills and competences	Digital Signal Processing - Designing and Testing – Physical layer;
Computer skills and competences	Matlab, and C simulations.
Artistic skills and competences	
Other skills and competences	
Driving licence	B category;
Additional information	<p>Awards</p> <ul style="list-style-type: none"> - „Traian Vuia” Award of Romanian Academy, 1981 for achievements in data transmission by wireless channels. - Diploma Ministerului Apărării Naționale pentru realizări în domeniul prelucrării semnalului radar (1988). - “Gh. Cartianu” Award of Romanian Academy, 1999, for the book “Prelucrarea numerică a semnalelor”. - "Cadru didactic evidențiat", 1989. - Best Paper Award “On the performances of QRD-LSL adaptive algorithm in echo cancelling configuration” la ICT’2001. - Diploma and Medal of Romanian Authority for Scientific Research ANCS for participation to FP6 projects (2006) - Best Paper Award- International Conference on Wireless and Mobile Communications– ICWMC 2006 -Stefan Slavnicu, Silviu Ciochina, Gradient Subspace Method for Tracking Real-Valued Sinusoidal Carriers - Best Paper Award-International Multi-Conference on Computing in the Global Information Technology, ICCGI 2006- Paleologu, C.; Ciochina, S.; Enescu, A.A Low Dynamics RLSL Adaptive Algorithm Using A Priori Estimation Errors. , pp. 47-51 - Best Paper Award- AICT 2009, C. Paleologu, A.A.Enescu, S. Ciochină, F. Albu, QRD-LSL Adaptive Algorithms Suitable for Fixed Point Implementation - Best Paper Award- IEEE Int. Conf. on Networking (ICN) C.Paleologu, F.Albu, A.A.Enescu, S.Ciochină,“Square-Root-Free QRD-LSL Adaptive Algorithm with Improved Numerical Robustness”, Proc. IEEE Int. Conf.onNetworking(ICN),pp.572-577,Cancun,Mexic,Apr.2008 - Best Paper Award- The Sixth International Conference on Digital Telecommunications and Quality of Service, Budapest Apr.17-22, 2011 - Best Paper Award- The Sixth International Multi-Conference in the Global Information Technology, Luxemburg – June 19-24, 2011.
Annexes	See Publications and projects list.