

CURRICULUM VITAE

EUROPEAN



PERSONAL INFORMATION

Name	Alexandru Serbanescu
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Citizenship	Romanian
Nationality	Romanian
Date of birth	03.02.1943

WORK EXPERIENCE

<i>Dates (from – to)</i>	1965-1967
<i>Name and address of employer</i>	„ELECTROMAGNETICA” Factory, Bucharest, Romania
<i>Occupation or position held</i>	Engineer
<i>Type of business or sector</i>	<i>Technologic</i>
<i>Dates (from – to)</i>	1967-1982
<i>Name and address of employer</i>	<i>Telecommunications Research Institute, Bucharest, Romania</i>
<i>Occupation or position held</i>	Scientific Researcher
<i>Type of business or sector</i>	<i>Telecommunications Department</i>
<i>Dates (from – to)</i>	1982-1991
<i>Name and address of employer</i>	<i>Military Technical Academy, Bucharest, Romania</i>
<i>Occupation or position held</i>	Assistant Professor

<i>Dates (from – to)</i>	1991 – 2019
<i>Name and address of employer</i>	<i>Military Technical Academy, Bucharest, Romania</i>
<i>Occupation or position held</i>	Professor
<i>Type of business or sector</i>	<i>Communications Department</i>
<i>Main activities and responsibilities.</i>	

EDUCATION AND TRAINING

<i>Dates (from – to)</i>	<i>Sept. 1960 - Aug. 1965</i>
<i>Name and type of organization providing education and training</i>	<i>Bucharest Politechnic Institute, Romania</i>
<i>Title of qualification awarded</i>	<i>The state diploma in Telecommunications Engineering</i>
<i>Dates (from – to)</i>	<i>Oct. 1970 - Apr. 1974</i>
<i>Name and type of organization providing education and training</i>	<i>Bucharest Politechnic Institute, Romania</i>

<i>Title of qualification awarded</i>	Doctor's degree: engineer – in fundamental domain "ENGINEERING SCIENCES", domain "TELECOMMUNICATIONS ENGINEERING", thema "Contributions in computer aided electrical filter design"
<i>Dates (from – to)</i>	1992- 2011
<i>Principal subjects/occupational skills covered</i>	Doctoral Director in fundamental domain "ENGINEERING SCIENCES", domain "TELECOMMUNICATIONS ENGINEERING"

PERSONAL SKILLS AND COMPETENCES	

Mother tongue	Romanian
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LANGUAGES

	French
<i>Ability of reading</i>	good
<i>Ability of writing</i>	good
<i>Ability of speaking</i>	good

	English
<i>Ability of reading</i>	good
<i>Ability of writing</i>	good
<i>Ability of speaking</i>	good

SOCIAL SKILLS AND COMPETENCES	<input type="checkbox"/> Loyal <input type="checkbox"/> Honest <input type="checkbox"/> With Abnegation <input type="checkbox"/> Problem-solving attitude <input type="checkbox"/> Responsible <input type="checkbox"/> Tenaciously <input type="checkbox"/> End-oriented work capacity <input type="checkbox"/> Organized person
Hobby	<input type="checkbox"/> Sports: tennis <input type="checkbox"/> Classical music

ORGANISATIONAL SKILLS AND COMPETENCES	17 years experience in Research and Management in Telecommunications Institute; <i>Trainings, laboratories, projects of circuits and sub-systems for:</i> - Analog circuits and communications system design - Digital communications system design - Computer aided circuits and system analysis and design <i>Project Management in FDMA and TDMA Comm. Systems</i>
	Teaching experience: over 50 years: - 1967 - 1982 Assistant in Comm. Dept. of Bucharest Polytechnic Institute, Romania - 1982 - 2001 Assistant Professor in Military Technical Academy, Bucharest, Romania - 2001 – Professor, PhD in Military Technical Academy, Bucharest, Romania
	37 years experience in research activities in Communications Dept. of Military Technical Academy, Bucharest Romania. More than 10 years experience in project management from national fineness (RELANSIN, CEEEX, PN II) as project manager or member of project team, with responsibilities in elaboration, evaluation and report of the results for governmental structures, training trainers.

Program/Project	Function	Period: from... to...
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Orizont2000/ subsistems of STAR: Managem Optimization (100 mil.)	Coordinator (subtema)	1998-1999
Grant ANSTI tip S/Sistem de comunicare cu purtatoare haotica (25 mil)	Coordonator tema Luca Mihai Îndrumător șt. Șerbănescu Alex.	1999-2000
Grant ANSTI tip S Controlul sistemelor dinamice haotice: Aplicații în studiul circuitelor electronice neliniare (19 mil.)	Coordonator tema Baston Ciprian Îndrumător șt. Șerbănescu Alex.	2001-2002
Grant ANSTI/ Comunicatii de banda larga folosind sisteme dinamice haotice (65 mil.)	Director tema	2000-2002
Program MATNANTEH "Circuite de recepție obținute prin prelucrarea siliciului pentru unde milimetrice "	Coordonator subtema	2001-2002
Contract MAPN "Elaborarea liniilor directoare pentru proiectarea și implementarea arhitecturilor ADL"	Coordonator subtema	2004
Program MATNANTEH "Filtre reconfigurabile pe siliciu in unde milimetrice"	Coordonator subtema	2000-2005
Program Sectorial MAPN "Studii avansate pentru dezvoltarea sistem lor de comunicatii militare"	Coordonator subtema	2005-2006
Program Sectorial MAPN "Studii avansate pentru dezvoltarea sistemelor de comunicatii militare- APLICATII"	Coordonator subtema	2006
Program CEEEX "Influenta defec-telor intrinseci si induse in cristitul de Langasit asupra performantelor structurilor piezoelectrice"	Coordonator subtema	2006-2008
Program CEEEX „Securitatea sistemelor si actiunilor militare si civil-militare în gestionarea crizelor și conflictelor armate”	Coordonator subtema	2006-2008
Proiecte de cercetare complexe „Comunicatii securizate compatibile SCIP pentru retele EUROCOM”	Coordonator subtema	2006-2008
Proiect cooperare internationala ECO-NET 2007-2009 cu tema: „Advanced works on transient Signal Characterization” Participanti: ATM-Romania, INP Grenoble-Franta, Univ. din Muntenegru	Coordonator din partea ATM	2007-2009

A. BOOKS, COURSES					
Nr crt	Titlul	Autori + A.Șerbănescu	Nr. de pag.	Editura	Anul apar.
1	Filtres electriques (traducere în limba franceză)	S. Ștefănescu	783	MASSON	1972
2	Electrical Network Theory (traducere din limba engleza)	N.B labanian	900	Ed.Tehnică	1974
3	Probleme de analiza si sinteza circuitelor	A. Mateescu	532	Ed.Tehnică	1976
4	Circuite cu capacitati comutate	A.Mateescu	215	Ed. Militara	1987
5	Sisteme moderne de comunicatii	A.Mihalcea	325	Ed. Militara	1992
6	Semnale , circuite si sisteme - probleme	A.Mateescu	450	Ed.Tehnică	1998
7	Electronique, phisque et signal pour telecommunication	Claude Gimenes A. Mateescu	28	Ed. Tehnica București	1997
8	Semnale , circuite si sisteme - culegere de probleme	A. Mateescu N. Dumitriu	454	Ed. Militara București	1998
9	Prelucrarea numerica a semnalelor	A. Mateescu N. Dumitriu	200	Ed. Tehnica București	1998
10	Le traitement du signal sous MATLAB, Ed. ATM, București, 1998. (reeditat Ed. Hermes, Paris, 2000)	Quinquis A. Radoi, E.	235	Ed. ATM, Ed.Hermes	1998 2000
11	Comunicații de bandă largă folosind sisteme dinamice haotice	A. Șerbănescu	233	Ed. ATM București	2000
12	"Aplicații ale sistemelor dinamice haotice în comunicații", (ISBN 973-640-032-8);	Șerbănescu A (Editor)	14	Ed. ATM, București	2004
13	l'Optimisation Multicriterielle dans l'Approche Systemique en utilisant des Algorithmes Genetiques et les Strategies Evolutionistes", (ISBN(13)978-973-640-118-3).	A. Șerbănescu,	250	Ed. ATM, București,	2007
14	"Systemes et signaux face au chaos - Applications aux communications", (ISBN 978-973-640-111-0).	A. Șerbănescu, I. Rancu	300	Ed. ATM, București	2008
15	"Prelucrarea digitala a semnalelor. Aplicații și implementări hardware în structuri reconfigurabile și cu procesoare digitale de semnale", (ISBN (973-640-132-9)	Șerbănescu A., Șerban, G., Iana G., Oroian T.	400	Ed. Univ. Pitești,	2009
16	„Semnale si Sisteme Analogice” (ISBN 978-973-640-200-5)	Șerbănescu A., Oroian T.	300	Ed. ATM, București	2010
17	„Prelucrarea semnalelor in Sisteme Analogice”	Șerbănescu A., Oroian T.	300	Ed. ATM, București	2011
18	„Analiza neliniară a seriilor de timp”, (ISBN 878-973-640-206-7)	A. Șerbănescu, O. Stanasila, F.M. Birleanu	356	Ed. ATM, București	2011

B. Papers published between 2000-2018

- ...
- [71] "Results in simulation of spread spectrum systems based on chaos", Șerbănescu, Simp. Electronics and Telecommunications Etc2000, Timișoara, 23,24 noiembrie 2000
- [72] "Aplicații ale tehnologiei bazata pe dinamica neliniara si haos", A. Șerbănescu, Simpozionul ITA, 27 oct. 2000
- [73] "Chaotic modulation method based on evolutionary strategies", A. Șerbănescu, Simpozionul Communications 2000, 7-9 dec. 2000, București
- [74] "A time frequency way for improving the quality of the synthesized speech signal in classical lpc compression method", L. Cernaianu, A. Șerbănescu, A. Quinquis, in Mathematics and Computers in modern science, Nikos Mastorankis Editor, 2000
- [75] "Didactic Software for Signal and Image Processing", A. Quinquis, L. Cernaianu, A. Șerbănescu, in DSP2000 Workshop and First Signal Processing Education Workshop, oct. 15-18, 2000, Waldman Ranch Resort, Hunt Texas
- [76] "Chaotical Sequences for Multiple Access in Spread Spectrum Communications", A. Șerbănescu, V. Greu, B. Cristea, International Conference for Telecommunications Bucharest Romania 4-7 iun. 2001
- [77] "Selected Pseudo noise Sequences for Spread Spectrum Communications", V. Greu, A. Șerbănescu, M. Luca, International Conference for Telecommunications, Bucharest, Romania 4-7 iun. 2001
- [78] "Signal Processing in Communications network applications based on genetic algorithms and evolution computation", A. Șerbănescu, A. Negulescu, International Conference for Telecommunications, Bucharest Romania 4-7 iun. 2001
- [79] "Noi tehnologii pentru comunicatii", A. Șerbănescu, Simpozionul AFCEA "Tehnologii necesare tarilor candidate", 17 mai 2000, București
- [80] "Abordarea sistematica in pregatirea inginerilor", Simpozionul international "Microelectronics, Technologies and Microsystems" Pitesti noi. 2000
- [81] "Design and simulation of a chaotic-based cryptosystem", Simpozionul international "Microelectronics, Technologies and Microsystems" Pitesti, mai, 2001

- [82] "Self learning educational software for signal and image processing", in Proc. of OPTIM 2002, Brasov, May, 16-17, 2002, Romania
- [83] "Applications of chaos theory in cryptography" in Proc. of Intern. Scientific symposium of ACTTM, may, 23-24, 2002, Bucharest, Romania
- [84] "Random sequence generator based on nonlinear function", in Proc. of Intern. Symp. ETC. 2002, 19-20 sept 2002, Timișoara, Romania
- [85] "Echipamente electronice si inteligenta artificiala", la INFOSOC 2002, Pitesti, 13-14 iunie 2002, Romania
- [86] "Controlul sistemelor haotice utilizand Dither-ul" lucrare prezentata la INFOSOC 2002, Pitesti, 13-14 iunie 2002, Romania
- [87] "Performances evaluation of some chaos based cryptosystems" lucrare la Communications 2002, 7-9, dec. 2002, București, Romania
- [88] "Educational software for signal processing", in Proc. of Communications 2002, 7-9, dec. 2002, București, Romania
- [89] "Applications of dynamic Chaotic Systems in Communications", Șerbănescu A. Tutanescu I., Sofron E., Scheianu D., Irimia C., ECIT 2002, July, 17-19, 2002, Iași, Romania, Republicata in Memoriile Secțiilor Științifice A seria IV, Tomul XXV, 2002, Ed. Academiei Romane București, 2005;
- [90] "Chaotic system control with dither", A. Șerbanescu in Proc. METRA, 29 mai, 2003 (4 pag.);
- [91] "Application of the nonlinear dynamical system in communications security", in Proc. CAIM, Oradea, 29-31 mai 2003
- [92] "I hear and I forget, I see and I remember, I do and I understand" Proc. of IEEE International Conference, Sarajevo, 01-03 July, 2003 (6 pag.)
- [93] "A microwave circuits optimization approach using a genetic algorithm" Lucrare acceptata pt. Simpozionul ATM, noiembrie 2003 (6 pag.)
- [94] "Noi soluții pentru realizarea accesului multiplu", Simpozionul ATM, noiembrie 2003 (6 pag.)
- [95] "The optimisation with evolutionary strategies of chaotic control systems with Dither", ACTTM, București, mai, 2004 [96] "An Analysis of Chaotic Signals using Higher Order Statistics", ACCTTM, mai, 2004
- [97] "Controlul haosului- Aplicații in medicina", Simp. Inteligența artificială- Aplicații in medicina, iulie, Pitești, 2004
- [98] "Hardware Implementation of a Sigma-Delta Modulator", OPTIM, Barasov, 2004
- [99] "A New Compression Method using a Chaotic Symbolic Approach", Simp. Communications, București, 2004
- [100] "Techno-economic Politics in Communications modelled with Chaotic Systems", Communications, București, 2004
- [101] "Applications of Chaos Based Systems in Communications", Communications, București, 2004
- [102] "Performance Evaluation of a Multiple Access DCSK System under a noisy Multiuser Environment", Simp. ETC 2004, Timișoara, oct., 2004
- [103] "On Layout Optimization of the Microwave Diplexor filter using genetic Algorithms", Simp. CAS, Sinaia, oct., 2004
- [104] "MEMS Optimization Using Genetic Algorithms", Symp. CAS, Sinaia, oct., 2004
- [105] "Microwave Passive Circuit Optimization Using Genetic Algorithms", Takacs, A., Șerbănescu A., Leu G., Aubert H., Pons P., Parra T., Plana R., Romanian Journal of information science and Technology, Vol. 4 No. 3-4, 2004, pg. 309-316;
- [106] "Physical implementations of the chaos based communications systems", Șerbănescu A., Conference ATM, Bucharest, Romania, 3-4 nov., 2005;
- [107] "Control methods on unstable periodic orbits of a chaotic dynamical system", Șerbănescu A., ACCTTM, Bucharest, Romania, 26-27 mai, 2005;
- [108] „Chaos Based Cryptography”, Șerbănescu A., Sesiune de informare pentru cercetare-dezvoltare în securitate și apărare GIMS, Agenția Spațială Română, Agenția de Cercetare pentru Tehnică și Tehnologii Militare, 29 martie 2005, București;
- [109] "Use of chaos in Communications" Ion Tutanescu, Emil Sofron, Al. Șerbănescu, ECAI, Pitesti, Romania, 2005;
- [110] "Performances of voice transmission (Voip) over cabled (lan) and wireless (wi-fi) networks" Alina Cristina BANCUI, Sorin Mircea PAȘA, Alexandru Șerbanescu, SpeD 2005, 13-14 mai, Cluj-Napoca, Bucharest, Romania, 2005;
- [111] "Multipath Combining in Chaotic Direct-Sequence Spread Spectrum Communications through Dual Estimation", S. Azou, M. Luca, G. Burel, A. Șerbănescu, Symp. OCEAN'05, June 20-23, Brest, France, 2005;
- [112] "A complete Receiver Solution for a Chaotic Direct Sequence Spread spectrum Communication System", S. Azou, M. Luca, G. Burel, A. Șerbănescu, Proc. of IEEE, Intern. Symp. on Circuit and Systems- IEEE-ISCAS, May, 2005, Kobe, Japan;
- [113] "Effects of Digital Processing in Chaos-Based Cryptography", C.I.Rincu, A. Șerbănescu, C. Danalachi, G. Budariu The 31-th internationally attended conference *Modern Technologies in the XXI Century of Military Technical Academy*, Bucharest, 03-05 November 2005;
- [114] "Digital to Analog Converter Based on Sigma Delta Modulation with Reprogrammable Structures", V. Iana, E. Sofron A. Șerbănescu, Proc. ECAI 2005, Univ. Pitești, Romania, 2005, Romania.
- [115] "On Exact Kalman Filtering of Polynomial Systems", Luca B., Azou S., Burel G., Șerbănescu A., *IEEE Transactions on Circuits and Systems - Part I*, (2006-06) (2006) 53 6 1929-1340
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- [117] "Multiple Access with LPTV Filters", B. Cristea, D. Roviras, B. Escrig, W. Chauvet, A. Șerbănescu, dec. 2005, paper published in *Communications 2006*, Bucharest, Romania, June, 2006
- [118] "Pseudo-Blind demodulations of Chaotic DS-SS Signals Through Exact Kalman Filtering", dec. 2005, paper published in *Communications 2006*, Bucharest, Romania, June, 2006
- [119] "Chaos-Based Cryptography. Past and Trends" Cristian-Iulian RÎNCU, Alexandru ȘERBĂNESCU, Adelaida MATEESCU", dec. 2005, Paper published in *Communications 2006*, Bucharest, Romania, June, 2006
- [120] "Genetic Optimization of Wavelet Packet Compression for Speech Signal", L. Cernaianu, E. Oancea, A. Șerbănescu, paper published in Proc. of Conference on SpeD 2007, Iasi, May 9-12, Romania;
- [121] "Evolvable Hardware: From Theory to Practical Implementation", L.M. Ionescu, V.G. Iana, A. Șerbănescu, G.

- Serban, paper published in Proc. of International Conf. ECAI-2007, June 29-30, Pitesti, Romania.
- [122] „Traffic Modeling of an ATM-type communication network using dynamic systems” Paper presented in Munteanu-Budva Workshop, 29, may, 2007
- [123] “Applications of nonlinear time-series analysis”, A. Șerbănescu, M. Mazilu, L. Cernaianu, C. Ivan, Paper published in Proc. of International Conf. Communications-2008, June 5-7, București, Romania.
- [124] “Doppler based aerial target tracking – A systemic approach”, A. Șerbănescu, C. Ioana, F. Totir, J. Stopin, Paper published in Proc. of International Conf. Communications-2008, June 5-7, București, Romania.
- [125] “Control of chaos” Paper published in Proc. of International Conf. OPTIM-2008, June 27, Brasov, Romania.
- [126] “Applications of nonlinear time-series analysis”, A. Șerbănescu, L. Cernaianu, C. Ivan, Paper published in Proc. of International Conf. on Communications-2008, June 5-7, București, Romania.
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- [128] “FPGA implementation of cryptographic techniques based on dynamical systems” A. Mateescu, A. Șerbănescu, I. Rancu, paper published in Proc. of International Conf. on Communications-2008, June 5-7, București, Romania.
- [129] “Control Methods on Unstable Periodic orbits of a Chaotic Dynamical System” Paper published in Proc. of International Conf. OPTIM-2008, June 27, Brasov, Romania.
- [130] „Systemic Approach in Aerial Target Tracking: Hardware and Software Implementation”, Paper published in Proc. of International Conf. Communications-2008, June 5-7, București, Romania.
- [131] “On UWB-IR Chip Period Blind Estimation through Minimization of a Multimodal Cost Function”, Stanciu, M., Azou, S., Șerbănescu A., Paper published in Proc. of International Symposium of Signal Processing -2009.
- [132] “New Approaches in Nonlinear Dynamics Analysis of Complex Systems and processes” Șerbănescu, A., paper published in Proc. of International Symposium ECAI, Pitesti, iun. 2009.
- [133] “Time-frequency-phase tracking approach: Application to underwater signals in a passive context”, Cornel Ioana, Jerome Mars, Alexandru Serbanescu, Srdjan Stankovic,, Paper presented to ICASSP 2010, Dallas, 2010.
- [134] “Chapter 3 - *New approaches in nonlinear dynamics analysis of complex systems and processes*, pp. 67-94, in Nicu BIZON(editor). *Complex Behaviour of the Distributed Generation System. Intelligent Management of the Renewable Energy Resources for assuring the DG System Power Quality and a Sustainable Development*, ISBN - 978 - 606 - 560 - 128 - 4, Publishing House of University of Pitesti, Pitesti, Romania, 2010, A. Serbanescu, F.-M. Bîrleanu.
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- [136] „A time distributed phase space histogram for detecting transient signals”, Proc. IEEE International Conf. On Acoustic, Speech and Signal Processing ICASSP 2011, May 22-27, Prague, Czech Republic, pp. 3844-3847, IEEE Catalog Number:CFPI11ICA-USB, ISBN:978-1-4577-0537-3, F. M. Bîrleanu, C. Ioana, A. Serbanescu, J. Chanusot,
- [137] „On the Recurrence Plot analysis method behaviour under scaling transform” in Proc. Of the 2011 IEEE Statistical signal Processing workshop SSP 2011, June 28-30, Nice, France, pp. 793-796, F. M. Bîrleanu, C. Ioana, C. Gervaise, J. Chanusot, A. Serbanescu, G. Serban
- [138] „Caracterisation des signaux transitoires par l’analyse des recurrence des phase”, GRETSI 2011 sept. 5-8, Bordeaux, France, F. M. Bîrleanu, C. Ioana, C. Gervaise, J. Chanusot, A. Serbanescu, G. Serban
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- [145] „Optimization of partial discharge detection in high voltage cables based on advanced signal processing techniques”, I. Candel, A. Digulescu, C. Ioana, A. Serbanescu, E. Sofron, paper for 11th International Conference on Information Sciences, Signal Processing and their Applications, Montreal (Quebec), Canada, Special Sessions in ISSPA 2012
- [146] „Partial discharge detection in high voltage cables using poly-spectra and Recurrence Plot Analysis”, I. Candel, A. Digulescu, C. Ioana, A. Serbanescu, E. Sofron, Paper for International Conference on Communications, 2012, Bucharest, Romania.
- [147] “A Statistical Analysis of multipath Interference for Impulse Radio” M. I. Stanciu, E. Radoi, A. Serbanescu, Paper presented at International Conference on Communications, 2012, Bucharest, Romania
- [148] “Applications of Transient Signals Detection Using Recurrence Analysis”, Elif Tuba Celik, Alexandru Serbanescu, in “Chaos and Complex Systems-Proceedings of the 4th International Interdisciplinary Chaos Symposium, Stavrinides, S.G.; Banerjee, S.; Caglar, S.H.; Ozer, M. (Eds.), Springer, pag. 201, ISBN 978-3-642-33913-4, 2013.
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Thèses en cotutelle en France

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2. Thèse en cotutelle de Monsieur *Alexandru Takacs* encadre par: M. Herve Aubert – Directeur de thèse de l’Institute National Polytechnique, Toulouse, France, *Laboratoire Electronique (LEN7) de l’Ecole Nationale d’Electronique, d’Electrotechnique d’Informatique et d’Hydrotechnique de Toulouse (ENSEEIH)* et : M. Serbănescu Alexandru – Directeur de thèse de l’Académie Technique Militaire, Bucarest, Roumanie. Sujet de la thèse : «Modélisation multi-échelles des circuits hyperfréquences» Date de soutenance : 15 septembre 2004

3. Thèse en cotutelle de Monsieur *Mihai Bogdan Luca* encadre par: M.Stephane Azou – Directeur de thèse de l’Université de Bretagne Occidentale, Brest, France et : M. Serbănescu Alexandru – Directeur de thèse de l’Académie Technique Militaire, Bucarest, Roumanie Sujet de la thèse : «Apports du chaos et des estimateurs d’etats pour la transmission sécurisée de l’information» Date de soutenance : 31 octobre 2006

3. Thèse en cotutelle de Monsieur *Mihai Stanciu* encadre par:M.Stephane Azou – co-directeur de thèse de l’Université de Bretagne Occidentale, Brest, France et : M. Serbănescu Alexandru – co-directeur de thèse de l’Académie Technique Militaire, Bucarest, Roumanie Sujet de la thèse : “Sur l’estimation aveugle de signaux UWB impulsionsnels dans un contexte de radio intelligente” Date de soutenance 31 oct. 2011

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Membre en jury de thèses en France

1. **RAPPORT** sur le mémoire de thèse de Monsieur Ryszard Wozniak intitulé: "Simulateur pour modélisation et l'optimisation des systèmes dynamiques contrôlés" pour l'obtention du doctorat de l'Université Evry, dans la spécialisation Automatique, Robotique. Date de soutenance: 06 Octobre 1997
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Participation dans Commissions HDR en France

2014 Membre du Jury de soutenance du diplôme d'habilitation a diriger des recherches de
Monsieur Stéphane Azou.

2016 Membre du Jury de soutenance du diplôme d'habilitation a diriger des recherches de
Monsieur Cornel Ioana.