Europass Curriculum Vitae

COLTUC DINU

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Personal information

First name(s) / Surname(s)	**CEPISCA COSTIN**
Address(es)	University Politehnica of Bucharest
Telephone(s)	+4 0214029271
E-mail	costin.cepisca@upb.ro
Nationality	Romanian

Work experience

Dates	1994- Present
Occupation or position held	University Professor
Main activities and responsibilities	Measurement Dept., Education -main courses: Electric and Electronic Measurements, Measurement systems, Transducers, Analogue and Digital Signal Processing, Scientific Instrumentation, Theoretical Background of Electrical Engineering, Research in the field of Electrical Engineering: Metrology, Measurement Systems,Energy Sources&Systems, Automation Systems, Power Quality
Name and address of employer	University Politehnica of Bucharest, Romania
Dates	1997-Present
Occupation or position held	Coordinator of doctoral studies
Main activities and responsibilities	More 30 doctoral students
Name and address of employer	University Politehnica of Bucharest, Romania
Dates	2004-2008
Occupation or position held	Vice-Dean
Main activities and responsibilities	Research
Name and address of employer	Electrical Engineering Faculty
Dates	1997-Present
Occupation or position held	Head of Metrology and Measurement Research Center (CNCSIS Excellence Centre)
Main activities and responsibilities	Research
Name and address of employer	University Politehnica of Bucharest, Romania
Dates	1992-Present
Occupation or position held	Head of Metrological Laboratory and Power Quality Laboratory
Main activities and responsibilities	Research and metrological activity
Name and address of employer	University Politehnica of Bucharest
Dates	1990-1994
Occupation or position held	Associate professor
Main activities and responsibilities	Measurement Dept., Electrotehnical Faculty
Name and address of employer	University Politehnica of Bucharest, Romania
Dates	1986-1990
Occupation or position held	Lecturer
Main activities and responsibilities	Measurement Dept., Electrotehnical Faculty
Name and address of employer	University Politehnica of Bucharest, Romania

Dates	1972-1986
Occupation or position held	Assistant
Main activities and responsibilities	Measurement Dept., Electrotehnical Faculty
Name and address of employer	University Politehnica of Bucharest, Romania

Education and training

Dates	1976-1983
Title of qualification awarded	PhD (Dr.ing.)
Principal subjects/occupational skills covered	Electrical Engineering
Name and type of organisation providing education and training	Institut Politehnic of Bucharest
Dates	1967-1972
Title of qualification awarded	MSc
Principal subjects/occupational skills covered	Electrical Engineering
Name and type of organisation providing education and training	Institut Politehnic of Bucharest
Mother tongue(s)	Romanian
Other language(s)	

Self-assessment	Understanding				Speaking				Writing	
European level (*)	Listening		Reading		Spoken interaction		Spoken production			
French	C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user	C1	Proficient user
English	B2	Independent user	C1	Proficient user	B2	Independent user	C1	Proficient user	B2	Independent user

Organisational skills and competences	Projects coordinator at national and international level (PC7) Management experience by managing different educational and research teams in the national and international projects Expert and Reviewer National Research & Education Depts. (CNCSIS, MCT, MEN, ANSTI,ARACIS) and research programs PN Expert of Georgian National Science Foundation Member of Editorial Board at 4 scientific journals in Romania, editor 15 Proceedings at international conferences President Metology&Measurement System International Conference, Bucharest Chairman at more 50 international conferences Professional association membership: IEEE, WSEAS, APREL , Mens, Cordis, BRML, ARPF - Asociation Roumaine pour Relations avec les Parc de la Francofonie (Vice-President),CEI-Romanian Technical Committee
Computer skills and competences	Competent with Word and other PC applications, Databases, Internet, LabVIEW, PSPICE, MATLAB.
Other skills and competences	Expert IT (ICI Romania) Expert Romanian Energy Regulatory Authority - ANRE Electroenergetical Auditor – ARCE Expert management ISO 9001, 19011 Expert trainer

Additional information

Scientific Activities and Responsabilities

International Projects

TREN FP7EN 239453	Project Director	South-East European TSO Challenges	EU	170,000	2010-2012
PHARE 2002	Project Director	Qualification and specialization in electric domain	EU+ Romania	312,000	2003-2006

National Projects

Capacităţi/Modul III Nr.75EU/2010	Project Director	Cercetări asupra nou mecanism energetic în zona sud-europeană	ANCS	154,000	2010-2012
PN2 INOVARE nr.110/2007	Project Director UPB	Echipamente inteligente pentru controlul sistemelor de iluminat stradal	AMCSIT	202,300	2007-2010

Published Books

1) ELEONORA DARIE, COSTIN CEPIŞCĂ, EMANUEL DARIE, Renewable Energy , *Ed. In-Teh, Olajnica, Croatia, 2009*, pp. 447-463, The use of Switched Reluctance Generator in Wind Energy Applications, ISBN 978-953-7619-52-7
2) PARASCHIV, ANA MARIA, BANICA,C, CEPISCA,C, Sistem de achizitie si prelucrare la distanta cu aplicatii in medicina *Ed. Electra, Bucuresti, 2010,* ISBN 978-606-507-051-6
3) ARGATU,C, CEPISCA,C, BARDIS,N,SERITAN,G Masurari si control utilizate in iluminatul public , *Ed.ELECTRA, Bucuresti, 2010,* ISBN978-606-507-048-6
4) HORIA ANDREI, COSTIN CEPISCA, SORIN GRIGORESCU Power Quality and Electrical Arc Furnaces, Power Quality, Andreas Eberhard (Ed.), (2011), *Ed. InTech*, ISBN: 978-953-307-180-0,
5) GHITA ,O, CEPISCA,C Masurarea marimilor electrice, *Ed.MATRIX ROM, Bucuresti*,2007, ISBN 973-755-140-5
6) Dogaru,V, Cepisca,C, Andrei,H, Ivanovici,T, Data acquisition in photovoltaic systems, "Renewable Energy", *Ed. InTech* ISBN 978-953-307-939-4.
7) Costin Cepisca, George Calin Seritan, Cosmin Karl Banica, Horia Andrei, Asimopoulos Nikos , Ganatsios Stergios Principles of analog signal conditioning, Selected Topics in Applied Electrotechnics, Ed. IWN , Atena, 2012, ISBN: 978-960-508-052-5.
8) Mariana Buga, Costin Cepisca, Making Photovoltaic Nanostructures with Optimized Quantum Efficiency, 2012, *LAP LAMBERT Academic Publishing,* ISBN 978-3-8484-1367-6
9) Jula N, Cepisca,C, Methods for analysing the reliability of electrical systems used inside aircrafts, Recent Advances in Aircraft Technology,Chapter 16, pp.361-381,February 2012, *Ed. InTech, Croatia,* ISBN 978-953-51-0150-5

Published ISI Web of Science ranked papers

1.Grigorescu Sorin Dan; Cepisca Costin; Jula Nicolae;Data Acquisition System for Energy Quality Monitoring in Decision-Making Network Nodes RECENT ADVANCES IN ENERGY AND ENVIRONMENT 2010 Book Series: Energy and Environmental Engineering Series Pages: 101-105
2.Andrei Horia; Spinei Fanica; Cepisca Costin; et al.Modelling of the Power Factor for AC Linear Circuits under Non-sinusoidal Conditions MELECON 2010: THE 15TH IEEE MEDITERRANEAN ELECTROTECHNICAL CONFERENCE Book Series: IEEE Mediterranean Electrotechnical Conference-MELECON Pages: 353-358 DOI: 10.1109/MELCON.2010.5476264 Published: 2010
3.Andrei H.; Cepisca C.; Dogaru-Ulieru V.; Measurement Analysis of an Advanced Control System for Reducing the Energy Consumption of Public Street Lighting Systems 2009 IEEE BUCHAREST POWERTECH, VOLS 1-5 Pages: 1342-1347 Published: 2009
4.Cepisca Costin; Raicu Cristina Mihaela; Covrig Mircea;Telemetric Systems and the Assessment of the Air Quality in the City Area RECENT ADVANCES IN ENERGY AND ENVIRONMENT 2009 Book Series: Energy and Environmental Engineering Series Pages: 439-442
5.Cepisca Costin; Perpelea Mircea; Macrea Tudor; et al.,Automatic Control of Functional Parameters to an Stretch-Reducing Tube Mill PROCEEDINGS OF THE 8TH WSEAS INTERNATIONAL CONFERENCE ON RECENT ADVANCES IN SIGNAL PROCESSING, ROBOTICS AND AUTOMATION Book Series: Mathematics and Computers in Science and Engineering Pages: 332-336 Published: 2009
6.Giurgiu Valer; Cepisca Costin; Oarga Gheorghe, Analysis of Thermal Phenomena in High-Voltage Fuse-Links Based on Thermovision Equipment COMPUTING AND COMPUTATIONAL INTELLIGENCE, PROCEEDINGS Book Series: Electrical and Computer Engineering Series Pages: 165-
7.Cepisca Costin; Andrei Horia; Ulieru Dogaru Valentin; Experimental Analysis of Advanced System for Reducing the Energy Consumption of Public Street Lighting Systems COMPUTING AND COMPUTATIONAL INTELLIGENCE, PROCEEDINGS Book Series: Electrical and Computer Engineering Series Pages: 160-164 Published: 2009
8.Argatu Florin; Cepisca Costin; Grigorescu Sorin Dan; et al.,Mathematical Model of Dynamic Lamp Characteristics COMPUTING AND COMPUTATIONAL INTELLIGENCE, PROCEEDINGS Book Series: Electrical and Computer Engineering Series Pages: 156-159
9 CHRISTOS K. VOLOS, IOANNIS M. KYPRIANIDIS, IOANNIS N. STOUBOULOS, COSTIN CEPISCA Complex Dynamics of a Memristor Based Chua's Canonical Circuit, *Proceedings of WSEAS Intl.Conference Recent Researches in Communications and IT, Corfu, 2011,* pp.111-116, ISBN: 978-1-61804-018-3
10 Costin Cepisca, Alexandru Lazar, Sorin Dan Grigorescu, George Seritan nDatabase structure support for bid interface *Proceedings of WSEAS Intl. Conference Recent Researches in System Science*, Corfu, 2011, pp.394-397, ISBN: 978-1-61804-023-7
11. C. K. VOLOS, C. CEPISCA, I. M. KYPRIANIDIS, I. N. STOUBOULOS, True Random Bits Generator Based on Chaotic Synchronization Phenomena Session "Advanced Techniques and Simulations for Defense Applications" within the 16th WSEAS International Conference on COMMUNICATIONS (part of CSCC '12), Kos Island, Greece, July 15-17, 2012
12. ANCUTA,F, CEPISCA, C, Failure Analysis Capabilities for PV Systems, Proceedings of the 2nd IAASAT International Conference on Environment, Economics, Energy, Devices, Systems, Communications, Computers, Mathematics (EDSCM12) , Saint Malo & Mont Saint-Michel, France, April 2-4, 2012, pp.224-230, WSEAS Press, ISBN: 978-1-61804-082-4