COLTUC DINU

Digitally signed by COLTUC DINU
Date: 2016.10.28 10:36:37 +03'00'

Curriculum vitae Europass

Informaţii personale

Nume / Prenume	**SORIN-DAN GRIGORESCU**
Adresă(e)	UPB, Fac. Inginerie Electrica, Spalaiul Independentei 313, CD 060042, sector 6, Bucuresti
E-mail(uri)	sorin.grigorescu@upb.ro
Naţionalitate(-tăţi)	romana
Data naşterii	1958

Locul de muncă vizat / Domeniul ocupaţional

(rubrică facultativă, vezi instrucţiunile)

Experienţa profesională

28 ani

Perioada	2000- prezent
Funcţia sau postul ocupat	Profesor universitar
Activităţi şi responsabilităţi principale	
Activitatea didactica	Experienţa didactica de peste 19 ani si un bogat aport la dezvoltarea ştiinţifica, educaţionala si de cercetare a catedrei. In ultimii cinci am predat 12 cursuri la facultăţile de Inginerie electrica si FILS cu predarea in limba engleza. Trei cursuri noi urmează fi predate la Sistemul de Master Bologna. In ultimii cinci ani a creat noua laboratoare didactice si de cercetare. Aceste laboratoare complet noi, realizate prima data de candidat, vin in sprijinul cursurilor noi pe care le-a dezvoltat. Conducere proiecte de diplomă: in ultimii cinci ani la Catedra de Măsurări, Aparate Electrice şi Convertoare Statice a condus peste 20 de proiecte de diplomă ale studenţilor din facultăţile de Inginerie Electrica si FILS msi trei proiecte de disertaţie.
Activitatea stiintifica si de publicare	**Cărţi publicate:** 10 cărţi publicate in edituri cu ISBN, 6 cotate CNCSIS, 1 cotata SCOPUS, din care 2 cărţi in perioada 2005-2011, 1 prim autor cotata CNCSIS, 1 singur autor cotata CNCSIS; **Studii publicate in volumele unor manifestări ştiinţifice internaţionale:** peste 100 studii publicate in volumele unor manifestări ştiinţifice internaţionale, din care 37 in perioada 2005-2009; din care dupa 2005 18 studii in volume cotate ISI; 15 citări, din care 14 ISI si 1 patent in sistemul SCOPUS;
Activitatea de cercetare-dezvoltare	Numărul total de contracte de cercetare conduse in calitate de director sau responsabil de proiect este de 22 granturi naţionale câştigate prin competiţie, din care: 4 granturi naţionale , câştigate prin competiţie in perioada 2005-2011, in calitate de director de proiect; 1 grant naţional câştigat prin competiţie după 2005, ca responsabil de proiect din partea UPB; 3 contracte de cercetare cu terti la care a fost responsabil din partea UPB. Participat la peste 40 de contracte in calitate de membru in echipa de cercetare. Participant la un contract PC7.

Educaţie şi formare

Pentru mai multe informaţii despre Europass accesaţi pagina: http://europass.cedefop.europa.eu
© Uniunea Europeană, 2002-2010 24082010

Stagii de formare in strainatate	2007 - DAAD Grant – Technical University of Darmstadt - power quality - 2 weeks 2006 - DAAD Grant – Technical University of Darmstadt – oil paper insulation for high voltage transformers- 2 weeks 2005 - DAAD Grant – Technical University of Darmstadt – pulse generators for high voltage tests 2004 - DAAD Grant – Technical University of Darmstadt – modelling high voltage power supplies 2003 - DAAD Grant – Technical University of Darmstadt – spark gap modelling and simulation 2002 - DAAD Grant – Technical University of Darmstadt – high voltage insulation materials 2001 - DAAD Grant – Technical University of Darmstadt – triggering pulse generators for photomultipliers 2000 - DAAD Grant – Technical University of Darmstadt – high frequency partial discharge testing 1999 - DAAD Grant – Technical University of Darmstadt – partial discharge testing 1996 – City University London – individual mobility grant TEMPUS IMG-96-RO-1048 – measurements
Perioada	1990-1996
Calificarea / diploma obţinută	Doctorat/ Diploma de Doctor Inginer, Diploma de Inginer
Disciplinele principale studiate / competenţe profesionale dobândite	Doctorat in masurari, inginerie electrica
Numele şi tipul instituţiei de învăţământ / furnizorului de formare	Universitatea POLITEHNICA din București
Perioada	1979-1984
Calificarea / diploma obţinută	Inginer/ Diploma de Inginer
Disciplinele principale studiate / competenţe profesionale dobândite	Electronica industriala, electronica si telecomunicatii
Numele şi tipul instituţiei de învăţământ / furnizorului de formare	Universitatea POLITEHNICA din București, Fac. Electronica si telecomunicatii

Aptitudini şi competenţe personale

Lucrari publicate	10 carti, mai mult de 100 articole publicate in proceedings la conferinte si in reviste
Brevete de inventii	12
Referent reviste	Membru in comitetul de redactie la "Scientific Buletin of Electrical Engineering faculty of University Valahia Târgoviște" Referent la Revue Roumaine des Sciences Techniques Referent la Buletinul Științific al UPB
Membru	IEEE, APREL

Limba(i) străină(e) cunoscută(e)

Autoevaluare

Nivel european (*)

	Înţelegere				Vorbire				Scriere	
	Ascultare		Citire		Participare la conversaţie		Discurs oral		Exprimare scrisă	
Engleza	C1	Utilizator experimentat	C2	Utilizator experimentat	C1	Utilizator experimentat	C1	Utilizator experimentat	C1	Utilizator experimentat
Franceza	B2	Utilizator independent	B2	Utilizator independent	B2	Utilizator independent	B2	Utilizator independent	B2	Utilizator independent

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

Competenţe şi aptitudini organizatorice	Membru CNATDCU (din 2011), din 2012 Presedintele Comisiei CNATDCU nr.9- Inginerie Electrica, Membru in Consiliul General CNATDCU Membru in Consiliul Profesoral al facultatii de Inginerie Electrica din UPB (2000-prezent) Membru in Senatul UPB (din 2012) Membru fondator si Directorul tehnic al *Centrului de Metrologie si Ingineria Măsurării* din Universitatea Politehnica din Bucureşti. Am condus 22 de proiecte de cercetare din care 6 in Planul National de cercetare-dezvoltare II Am condus peste 100 de studenţi la lucrări de licenţa si disertaţie.
Alte competenţe şi aptitudini	Expert evaluator pentru programele: ANSTI-RELANSI, CNCSIS, CEEX 2006-2007, PNCDI II

Lucrari publicate

Pentru mai multe informaţii despre Europass accesaţi pagina: http://europass.cedefop.europa.eu
© Uniunea Europeană, 2002-2010 24082010

1 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, Available from: http://www.intechopen.com/articles/show/title/power-quality-and-electrical-arc-furnaces

2 GRIGORESCU,S.D, CEPIŞCĂ ,C, , EPURE,I., Implementarea funcţiilor matematice în sisteme tehnice, *Editura MILITARĂ ,1998, ISBN 973-32-0525-7, 185 pag.*

3 GHITA O, GRIGORESCU S.D. , Measuremet of Teflon membrane Characteristics Used in Electret microphones, Revista de chimie 61 (1) pag 45-48 2010, ISSN 0034-7752,

4 M.M.ALBU, K.E.HOLBERT, G.T.HEYDT, S.D. GRIGORESCU, V.TRUSCA, Embedding Remote Experimentation In Power Engineering Education, In: IEEE Transactions On Power Systems, Special Section On Power Engineeriong Education, Febrary 2004, Vol 19, #1, Pag.139-143, ISSN 0885-8950,

5 Grigorescu, S.D. , Ghita, O.M. ; Potarniche, I. ; Covrig, M., Measurement data analyses using an expert system for oil-paper insulation evaluation In: Proceedings of Instrumentation and Measurement Technology Conference (I2MTC), 2011 IEEE, 10-12 May 2011, Page(s): 1 - 6

6 Grigorescu, S.D., Ghita, O.M. ; Potarniche, I. ; Covrig, M., Computer added monitoring of drilling rig systems, In: Proceedings of Instrumentation and Measurement Technology Conference (I2MTC), Binjiang, China, 2011 IEEE, 10-12 May 2011, Page(s): 1 - 5 , ISSN : 1091-5281, ISBN: 978-1-4244-7933-7,

7 Grigorescu, S.D. ,Ghita, O.M. ; Covrig, M. ; Potarniche, I. , High voltage transformer insulation evaluation using a measurement expert system, In Proceedings of Advanced Topics in Electrical Engineering (ATEE), 2011 7th International Symposium, 12-14 May 2011, Bucharest, Romania, Page(s): 1 - 6, ISSN : 2068-7966, ISBN: 978-1-4577-0507-6,

8 Grigorescu, S.D., Ghita, O.M. ; Covrig, M. ; Potarniche, I. ; Gheamalinga, M.C. , Labview interface for oil drilling rigs , In proceedings of Advanced Topics in Electrical Engineering (ATEE), 2011 7th International Symposium, 12-14 May 2011, Bucharest, Romania, Page(s): 1 - 6, ISSN : 2068-7966, ISBN: 978-1-4577-0507-6,

9 P. V. Notingher, Cristina Stancu, M. Plopeanu, S. Grigorescu, The influence of water trees on permittivity and loss factor of medium voltage cables polyethylene insulation, Proceedings of the 2010 IEEE International Conference on Solid Dielectrics (ICSD), Potsdam, Germany, July 4 -9, 2010, pp.671 - 674, ISBN: 978 - 1 4244 - 7942 - 9

10 M.Plopeanu, P.V. Notingher, C. Stancu, S.Grigorescu, Electrical Ageing of Polyethylene Power Cables Insulation Subjected to an Electric Field in the Presence of Water, Proceedings of 7th International Symposium on 7th International Symposium on ADVANCED TOPICS IN ELECTRICAL ENGINEERING (ATEE 2011), Bucharest, 12-14 May, 2011, pp. 201-204, ISSN 2068 - 7966, ISBN 978-1-4577-0507-6

11 Grigorescu,S, Cepisca,C, Jula,N, Popoviciu,N Data Acquisition System for Energy Quality Monitoring in Decision-Making Network Nodes Proceedings of the 5th IASME / WSEAS International Conference on Energy & Environment (EE '10), University of Cambridge, UK, February 23-25, 2010, pp.101-106 , Recent Advances in Energy & Environment, Energy and Environmental Engineering Series, A Series of Reference Books and Textbooks, WSEAS Press, ISSN: 1790-5095

12 GRIGORESCU S.D, CEPISCA C , GHITA O.M, COVRIG M, GRIGORESCU E, GPS Oriented System for Evaluation of Energetic Potential of Hydroelectric Dam Lakes, *In: PROCEEDINGS OF THE 4TH IASME/WSEAS INTERNATIONAL CONFERENCE ON WATER RESOURCES, HYDRAULICS AND HYDROLOGY Book Series: Mathematics and Computers in Science and Engineering; 4th IASME/WSEAS International Conference on Water Resources, Hydraulics and Hydrology, Cambridge, ENGLAND, FEB 24-26, pp. 218-222, 2009, IASME; WSEAS , WSEAS Press, ISSN 1790-5117, ISBN 978-960-474-054-3*

13 GRIGORESCU,S.D, CEPISCA.C, GHITA,O, POTARNICHE,I, Intelligent Control System for Monitoring Drilling Process , *In: PROCEEDINGS OF THE 7TH WSEAS INTERNATIONAL CONFERENCE ON COMPUTATIONAL INTELLIGENCE, MAN-MACHINE SYSTEMS AND CYBERNETICS (CIMMACS '08) - RECENT ADVANCES IN COMPUTATIONAL INTELLIGENCE, MAN-MACHINE SYSTEMS AND CYBERNETICS Electrical and Computer Engineering Series; 7th WSEAS International Conference on Computational Intelligence Man-Machine Systems and Cybernetics, Cairo, EGYPT, DEC 29-31, 2008, pp.88-93, ISSN: 1790-5117; ISBN: 978-960-474-049-9,*

14 CEPISCA,C, COVRIG,M, GRIGORESCU,S.D, JULA,N, CORNELIA CEPISCA, The Efficiency of Real Time Sequences FFT Computing, In: *Proceedings of the 2nd European Computing Conference (ECC08) -New Aspects on Computers Research, Malta, pp.247-252,September, 11-13,2008, ISBN 978-960-474-002.4, ISSN 1790-5109,*

Pentru mai multe informaţii despre Europass accesaţi pagina: http://europass.cedefop.europa.eu
© Uniunea Europeană, 2002-2010 24082010

15 CEPISCA, C, ANDREI, H, GANATSIOS, S.D, GRIGORESCU,S.D, POWER QUALITY AND EXPERIMENTAL DETERMINATIONS OF ELECTRICAL ARC FURNACES, IN: *PROCEEDINGS THE 14TH IEEE MEDITERRANEAN ELECTROTECHNICAL CONFERENCE (MELECON 2008), AJACCIO(FRANCE),MAY 5-7, 2008, IEEE CATALOG NUMBER: CFP08MEL-CDR, ISBN: 978-1-4244-1633-2,*

16 SORIN DAN GRIGORESCU, COSTIN CEPISCA, NICOLAE JULA, Trend of Standards for Hydrographic Survey, In Proceedings 5th IASME / WSEAS International. *In: Conference on HEAT TRANSFER, THERMAL ENGINEERING and ENVIRONMENT (HTE'07), Vouliagmeni, Athens, Greece, August 25-27, 2007, pag.255-261, ISSN: 1109-2769*, *ISBN: 978-960-6766-00-8,*

17 CEPISCA,C, GRIGORESCU, S.D, COVRIG,M, ANDREI,H, About the the Efficiency of Real Time Sequences FFT Computing, In: *Proceedings of 2007 IEEE Design and Diagnostics of Electronic Circuits and Systems, pp.211- 214, Krakow, Poland, 11-13 April, 2007, IEEE Catalog Number 07EX1759C, ISBN 978-1-4244-1161-0,*

18 Andrei,H, Cepisca,C, Grigorescu S, Ivanovici,T, Andrei,P
Modelling of the PV panels circuit parameters using the 4-termonals equations and Brune's conditions *Scientific Bulletin of the Electrical Engineering Faculty, year 10, No.1, 2010, pp.63-67, ISSN 1843-6188*

19 ANDREI,H, SPINEI,F, CEPISCA,C, POPA, M. SILAGHI M., GRIGORESCU,S.D.,
Computation Method Of The Sensitivity For Steady State Two-Ports Circuits Using The Relative Values. IN: *WSEAS TRANSACTIONS ON CIRCUITS AND SYSTEMS,ISSUE 3, VOLUME 5, MAY 2006, ISSN 1109-273, PAG. 332-337*

20 ANDREI,H, CEPISCA,C,SPINEI,F, DOGARU,V, GRIGORESCU,S.D, JULA, N
Mathematical Method For Frecquency Analysis Of The Non-Linear Circuit Elements, IN: *WSEAS TRANSACTIONS ON CIRCUITS AND SYSTEMS,ISSUE 5, VOLUME 5, MAY 2006, ISSN 1109-2734, PP.768-773*

21 GOLOVANOV C., GRIGORESCU, S.D.,
Present Aspects Regarding Definition and Measurement of the Reactive Power and Energy" In: Revue Roumaine des Sciences Techniques. Série Électrotechnique et Énergétique. Ed. Acad. Române, Bucharest, tome 51/4/2006, Octombre-Decembre 2006, pag. 419-439, ISSN 0035-4066

22 ANDREI H., SPINEI, F., CEPISCA, C., CHICCO, G., GRIGORESCU,S.D., DASCALESCU, L.
Minimum Dissipated Power for Linear and Nonlinear Electric Circuits In: WSEAS Transactions on Circuits and Systems, Issue 11, volume 5., November 2006, pag.1620-1625, ISSN 1109-2734

23 CEPISCA,C,ANDREI,H, GRIGORESCU,S.D, COVRIG,M,JULA,N
Current transformers and the accuracy of electrical powers and energies measurements, In: *WSEAS Transactions on Electronics, Issue 6, Volume 3, June 2006, pp.321-326, ISSN 1109-9445*

24 GRIGORESCU, S.D., CEPISCA, C.,
Low Voltage Insulation Test Using Adjustable Output Impedance Pulse Generator, In: Revue Roumaine des Sciences Techniques. Série Électrotechnique et Énergétique. Ed. Acad. Române, Bucharest, tome 51/3/2006, Juillet Septembre 2006, pag. 311-317, ISSN 0035-4066.

25 GRIGORESCU,S.D,.CEPIŞCĂ,C,CEPISCA CORNELIA,
Un răspuns modern la standardele CEI de realizare a aprinderii electronice a lămpilor de iluminat cu descărcări în gazee, In: *Electrotehnica,Electronica,Automatica, volum 46(1998),nr.11-12, pag.1-5*

© Uniunea Europeană, 2002-2010 24082010