

LISTA DE LUCRĂRI PUBLICATE

Lista celor maximum 10 lucrari considerate de candidat a fi cele mai relevante pentru realizarile profesionale proprii, care sunt incluse în format electronic în dosar si care se pot regasi si în celelalte categorii de lucrari prevazute de prezentul articol

Ri01- Serițan G.C.,Cepișcă C., Guerin P.,

Analiza posibilității de separare a armonicilor în relația producător – consumator de energie electrică

In: E.E.A. Electrotehnica, Electronica, Automatica, vol.55/2007, nr.1, ian.-martie 2007, pag.10-16, Ed. Electra, ISSN 1582-5175 (Index Copernicus Journal Master List ICV 4,66; Ulrich's Periodical Directory, Elsevier, Engineering Village, Compendex)

Vis1 - Cepisca C., **Serițan G.C.**, Grigorescu S.D., Argatu F.,

Aspects of metrological calibration of power quality analyzers,

In: Proceedings of 8th International Symposium on Advanced Topics in Electrical Engineering, May 23-25, 2013, Bucharest, pp.4, ISSN 978-1- 4673-5978-8, IEEE Catalog Number , CFP1314P-CDR, (CD-ROM, Section SIMOP 4_77) ART; Code 99883

Vis2 – Cepisca C., **Serițan G.**, Cepisca C.I., Grigorescu S.D.,

Digital Sampling Method in the Measurements of Electrical Power and Energy

In: Proceedings of the 9th WSEAS Int. Conf. on Mathematical Methods and Computational Techniques in Electrical Engineering, Book Series Title: Electrical and Computer Engineering, pp.45-49, Arcachon, France, October 13-15, 2007, ISBN 978-960-6766-11-4, ISSN 1790-5117 (ISI Conference Proceedings Citation Index – Web of Science®- poz.48117), WOS:000254019000008

Vis3 – Argatu F., Cepisca C., Grigorescu S., **Serițan G.**, Covrig M.,

Mathematical Model of Dynamic Lamp Characteristics,

In : Proceedings of the European Computing Conference (ECC09) and Proceedings of the 3rd International Conference on Computational Intelligence (CI09), pp.156-159, Tbilisi, Georgia,26-28 June, 2009, Computing and Computational Intelligence, Electrical and Computer Engineering Series , A Series of Reference Books and Textbooks, WSEAS Press, ISSN 1790-5117,ISBN 978-960-474-088-8 (ISI, portal.acm.org), WOS:000271254900019

Vis4 - Cepisca C., Banică C., Ganatsios S., Andrei H., **Serițan G.**,

Elements of Signal ECG Evaluations with Wavelet Transform

In: Proceedings of 7th WSEAS International Conference on Signal processing, computational geometry & artificial vision (ISCGAV'07), Book Series Electrical and Computer Engineering, pp.240-242, Vouliagmeni, Athens, Greece, August 25-27, 2007 , ISSN:4444-9999 ,ISBN: 978-960-8457-97-3 (ISI Conference Proceedings Citation Index – Web of Science®- poz.25993, portal.acm.org), WOS:000257283500043

Vis5 – Cepisca C., Morcovescu M., **Serițan G.**, Bardis N., Grigorescu S.D., Banică C.,

Software Solution Implementation for Regional Balancing Mechanism of Electrical Energy,

In: Applied Mechanics and Materials Vols. 291-294 (2013) pp 1308-1311, Trans Tech Publications, Switzerland 2012, www.scientific.net © (2013), International Conference on Sustainable Energy and Environmental Engineering (ISEEE 2012) December 29~30, 2012, Guangzhou (China), doi:10.4028/www.scientific.net/AMM.291-294.1308 (indexat SAO/NASA ADS Physics Abstract Service, TransTechPublications, Elsevier, researchgate.net, google scholar), WOS:000320478400250

- Vis6** – Cepisca C., Grigorescu S.D., **Serițan G.**, Banica C.
Design and Implementation of Regional Balancing Mechanism Software,
 In: Recent Advances in Energy and Environmental Management, Proceedings of the 8th International Conference on Energy & Environment (EE '13), Rhodes Island, Greece July 16-19, 2013, pp.29-33 ISSN: 2227-4359, ISBN: 978-960-474-312-4
- Ris1**- Porumb R., Postolache P., **Serițan G.**, Vatu R., Ceaki O.,
Load profiles analysis for Electricity Market,
 In: Computational Methods in Social Sciences, Vol. I, Issue 2/2013, ISSN 2344 – 1232, ISSN-L 2344 – 1232 (indexat RePEc, DOAJ, Index Copernicus International, Ulrich's, Elektronische Zeitschriftenbibliothek, ZDB, Directory of Research Journal Indexing)
http://cmss.univnt.ro/wp-content/uploads/vol/split/vol_I_issue_2/CMSS_vol_I_issue_2_art_004.pdf
- Ris4**- Marin F.O., Ghita M.R., Andrei H., Ivanovici T., **Serițan G.**, Predusca G.,
Modeling residential consumers and methods to reduce power losses and electric energy
 In: The Scientific Bulletin of Electrical Engineering Faculty, Valahia University, 2013, year 13, no.3(23), pp.32-39 ISSN 1843-6188 ,indexata BDI (in Index Copernicus Master List Journal, with IC value 3,61 for the year 2009, IC value 4,41 for the year 2010, IC value 4,91 for the year 2011, IC value 5,19 for year 2012.)
<http://journals.indexcopernicus.com/karta.php?action=masterlist&id=3797>
<http://www.buletinfie.ro/en/>
- Vi1** - Olaru V, Cepisca C., Banica C, **Serițan G.**, Boev A, Dorobantu M, Vatasescu R., Albu M.,
Quality raised life integrated system by remote monitoring and real time signal processing,
 In: Proceedings of International Conference "Optimization of the robots and manipulators OPTIROB 2006" May 26-28th 2006, Bucharest, pp275-280, ISBN 973-0-04041-9, paper id 8109, Bucharest, Google Scholar,
http://www.geocities.ws/opti_rob/papers.html

I. TEZA DE DOCTORAT (T)

T1. Contribuții privind analiza și sinteza lanțurilor de măsurare a puterii și energiei electrice

Universitatea Politehnică din București, 2003
 Conducător științific : prof.dr.ing.Costin Cepișcă

II. CĂRȚI PUBLICATE (C)

Ca1 – Cepișcă C., **Serițan G.C.**,
Măsurări și sisteme de măsurare,
 Ed.POLITEHNICA PRESS, 2004, 275pag, ISBN 973-8449-47-2

Cb1 – Odor I., Cepișcă C., Andrei H. , **Serițan G.C.**,
Măsurarea energiei electrice,
 Editura ICPE, Bucuresti, 2000, 150pag., ISBN 973-8067-15-1

Cb2 - Jula N., Cepișcă C., Sontea V., **Serițan G.C.**,
Măsurări în radio și audiofrecvență,
 Ed. ELECTRA, Bucuresti, 2003, 200pag., ISBN 973-8067-90-1

Cb3 - Andrei H., Cepișcă C., **Serițan G.C.**, Dogaru – Ulieru V.,
Regimuri periodice nesinusoidale în echipamentele electrice,
 Ed. ELECTRA, Bucuresti, 2004, ISBN 973-7728-00-9

- Cb4 - Serițan G.C.,** Cepișcă C., Ganatsios S.,
Energia electrică și măsurarea ei,
Ed. Electra, 2005, 200pag, ISBN 973-7728-09-2
- Cb5 - Banica C., Serițan.G,** Cepisca C.,
Sisteme informatizate de măsurare,
Editura Electra, Bucuresti, 2009, 149 pag., ISBN 978-606-507-030-1
- Cb6 – Argatu F.,** Cepisca C., Bardis N., **Serițan G.,**
Masurari si control utilizate in iluminatul public,
Ed. Electra, Bucuresti, 2010, 153 pag., ISBN 978-606-507-048-6
- Cb7 – Serițan G.,** CEPISCA C.,
Masurari electrice si electronice
Ed. Politehnica Press, Bucuresti, 2013, 304pag., ISBN 978-606-515-444-5
- Cb8 - Serițan G.C.,** Adochiei F., Argatu F., Cepisca C.,
Senzori biomedicali si instrumentatie
Ed Politehnica Press, 2015, 175pp, ISBN - 978-606-515-650-0
- Cb9 -** Asensio M., Pilar meneses de Quevedo, Contreras J., Monteiro C., Porumb R., Tristiu I., **Serițan G.-** *book Smart and Sustainable power systems: Operations, Planning and Economics of Insular Electricity grids - chapter : Electric price signals, Economic operation and Risk Analysis*
Ed. CRC Press Taylor & Francis Group, 2015, pp 285-345, ISBN 9781498712125 - CAT #K25101
- Cb10 - Serițan G.,** Porumb R., Cepisca C., Grigorescu S.D. - *book : Electricity distribution - Intelligent Solutions for Electricity Transmission and Distribution Networks - chapter : Integration of Dispersed Power Generation*
Editors: Karampelas, K, Ekonomu,L., Series: Energy Systems pp 27-61, Springer, 2016 ISBN 978-3-662-49434-9

III. ALTE MATERIALE PUBLICATE (I,D)

- I1 –** Cepișcă C., Vlaicu C., Grigorescu S., Albu M., Bănică C., **Serițan G.C.**
Măsurări electrice și sisteme de măsurare, îndrumar de laborator, Partea I-a
U.P.B., Facultatea de Electrotehnică, 1999.
- I2 –** Cepișcă C., Grigorescu S., **Serițan G.C.,** Bănică C.
Măsurarea mărimilor electrice,
Îndrumar de laborator pentru Electroenergetică, Energetică Industrială, Inginerie Economică, U.P.B., 2000.
- I3 -** Cepisca C., Grigorescu S., **Serițan G.C.,** Banica C., Popa N,
Măsurări electrice
Îndrumar de laborator, *Colegiu Energetică, U.P.B.,* 2000.
- I4 –** Cepișcă C., Ghiță O.M., **Serițan G.C.,** Bănică C, Dogaru-Ulieru V.
Măsurări electrice și sisteme de măsurare
Îndrumar 2001, Ed. SECOREX, ISBN 973-85299-1-3, U.P.B., 2001.
- I5 - Serițan G.C.,** Cepisca C., Argatu F., Adochiei F., Ancuta F.-
Masurarea marimilor electrice in energetica
Indrumar Energetica- 2015, 120pag, Ed. Politehnica Press, ISBN 978-606-515-629-6.
- I6. Serițan G.C.,** Cepisca C., Adochiei F., Argatu F., Ancuta F.-
Masurari electrice si electronice
Indrumar Inginerie Electrica- 2015, 106pag, Ed. Politehnica Press, ISBN 978-606-515-609-8.
- D1 -** Porumb R.F., **Serițan G. C.,**
Continuity of supply – key parameter for the deployment of smart technologies,

In : Advance in Engineering : from Theory to Application, ISBN:978-606-515-381-3, Editura Politehnica Press, U.P.B. , 2012, pp229-pp236.

D2 - Ghita O. M., Seritan G.C.,

Design of Power Measurement Tools used in Smart Grid Networks

In: Advance in Engineering : from Theory to Application, ISBN:978-606-515-381-3, Editura Politehnica Press, U.P.B. , 2012, pp197-204.

D3 - Seritan G.C., Porumb R.F.

Technical aspects regarding operation and management of distributed resources

In: Advance in Engineering : from Theory to Application, ISBN:978-606-515-381-3, Editura Politehnica Press, U.P.B. , 2012, pp 245-252.

BREVETE

B1 - Brevet - Sistem modular inteligent pentru optimizarea și eficientizarea consumurilor energetice la agenții economici mici și mijlocii, - Seritan G, Cepisca C, Ancuta F, Paraschiv A, , Staicu C, Argatu F, Lungu C, Humelnicu C, Orlandea M, Buletinul Oficial de Proprietate Industrială, secțiunea brevet de invenție, nr.5/2016, RO131156-A0, AUDIT IT & C SRL, Derwent Primary Accession Number: 2016-32057D.

IV. ARTICOLE / STUDII ÎN EXTENSO PUBLICATE (R,V)

Ris1 - Ghiculescu D., Marinescu N.I., Jitianu G., Seritan G.,

On precision improvement by ultrasonics-aided electrodischarge machining,

In: Estonian Journal of Engineering, p. 24-33, ISSN 1736-7522 (electronic), ISSN 1736-6038 (print), (indexată în Applied Mechanics Reviews, Cambridge Scientific Abstracts, Metals Abstract, EBSCO publishing database), 2009.

Ris2- Porumb R., Postolache P., Seritan G., Vatu R., Ceaki O.,

Load profiles analysis for Electricity Market,

In: Computational Methods in Social Sciences, Vol. I, Issue 2/2013, ISSN 2344 – 1232, ISSN–L 2344 – 1232 (indexat RePEc, DOAJ, Index Copernicus International, Ulrich's, Elektronische Zeitschriftenbibliothek, ZDB, Directory of Research Journal Indexing)

[http://cmss.univnt.ro/wp-](http://cmss.univnt.ro/wp-content/uploads/vol/split/vol_I_issue_2/CMSS_vol_I_issue_2_art_004.pdf)

[content/uploads/vol/split/vol_I_issue_2/CMSS_vol_I_issue_2_art_004.pdf](http://cmss.univnt.ro/wp-content/uploads/vol/split/vol_I_issue_2/CMSS_vol_I_issue_2_art_004.pdf)

Ris3- Florentina O.M., Ghita M.R., Andrei H., Ivanovici T., Silaghi M, Seritan G.,

Establishing classes of electromagnetic compatibility for some electrical equipments,

In: The Scientific Bulletin of Electrical Engineering Faculty, Valahia University, 2013, year 13, no3 (23),pp.26-31ISSN 1843-6188 indexata BDI (Index Copernicus Master List Journal, with IC value 3,61 for the year 2009, IC value 4,41 for the year 2010, IC value 4,91 for the year 2011, IC value 5,19 for year 2012.)
<http://journals.indexcopernicus.com/karta.php?action=masterlist&id=3797>

<http://www.buletinfie.ro/en/>

Ris4- Florentina O.M., Ghita M.R., Andrei H., Traian Ivanovici, Seritan G., Predusca G.,

Modeling residential consumers and methods to reduce power losses and electric energy

In: The Scientific Bulletin of Electrical Engineering Faculty, Valahia University, 2013, year 13, no.3(23), pp.32-39 ISSN 1843-6188 ,indexata BDI (in Index Copernicus Master List Journal, with IC value 3,61 for the year 2009, IC value 4,41 for the year 2010,IC value 4,91 for the year 2011, IC value 5,19 for year 2012.)
<http://journals.indexcopernicus.com/karta.php?action=masterlist&id=3797>

<http://www.buletinfie.ro/en/>

Ris5-Golovanov N., Porumb R., Toader C., Bulac C., Triștiu I., **Serițan G.**,
Aspecte specifice ale calculării valorii echivalente a rezistenței longitudinale a transformatoarelor cu trei înfășurări

Revista Problemele energeticii regionale, Academia de științe a Moldovei, Institutul de Energetică, Nr. 3(29), 2015, pag. 55-62, Chișinău, Moldova, ISSN 1857-0070, Link: <http://journal.ie.asm.md>

Ris6- Ganatsios S., Maropoulos S., Papanikolaou S., Gheorghe G., Dontu O., **Seritan G.**, Besnea D.,

Novel bulk and porous glass ceramics produced by waste materials

Romanian Review Precision Mechanics, Optics and Mechatronics, Volume 2015, Issue 48, 2015, Pages 186-189, ISSN: 15845982 Source Type: Journal Original language: English, Publisher: Editura Cefin, SCOPUS : <http://www.scopus.com/record/display.uri?eid=2-s2.0-84947241570&origin=resultslist&sort=plf-f&src=s&st1=seritan+g&st2=&sid=09B1BF70227096970B3C32678C28FAEF.Vdktg6RVtMfaQJ4pNTCQ%3a10&sot=b&sdt=b&sl=22&s=AUTHOR-NAME%28seritan+g%29&relpos=5&citeCnt=0&searchTerm>

Ris7 - Serițan G., Triștiu I.- *Continuity of supply, a key parameter for smart grids' resilience evaluation*, The 6th International Conference on Modern Power Systems Cluj-Napoca, Romania, from 18-21 May 2015, pp328-333, vol. 56, nr.3, ISSN-L18413323, Mediamira Science Publishing, ISSN 2344-5637, Google Scholar : http://ie.utcluj.ro/files/acta/2015/Number3/MPS2015_Seritan.pdf

Ris8 - Porumb R., Seritan G - Load profiles definition for the electrical distribution operatorThe 6th International Conference on Modern Power Systems Cluj-Napoca, Romania, from 18-21 May 2015, pp280-284, vol. 56, nr.3, ISSN-L18413323, Mediamira Science Publishing, ISSN 2344-5637, Google Scholar : http://ie.utcluj.ro/files/acta/2015/Number3/MPS2015_Porumb-1.pdf

Rio1 - Cepișcă C., Jula N., Cepișcă C., Serițan G.C.,

Analiza surselor de erori la măsurarea puterii și energiei electrice în rețelele electrice,

In: EEA-Electrotehnica, vol.47 (1999), nr.7-8, pag.38-42, ISSN 1582-5175, (INSPEC, Ulrich's Periodical Directory)

Rio2 - Serițan G.C., Cepișcă C.

Frecvența de eșantionare și exactitatea măsurării la contoarele digitale pentru energie electrică

In : EEA-Electrotehnica, Electronica și Automatica, vol.51 (2003), nr.9-10, sept.-oct., pag.40-46, ISSN 1582-5175 (Index Copernicus Journal Master List ICV; Ulrich's Periodical Directory, Elsevier, Engineering Village, Compendex)

Rio3- Serițan G.C., Cepișcă C., Guerin P.,

Analiza posibilității de separare a armonicilor în relația producător – consumator de energie electrică

In: E.E.A. Electrotehnica, Electronica, Automatica, vol.55/2007, nr.1, ian.-martie 2007, pag.10-16, Ed. Electra, ISSN 1582-5175 (Index Copernicus Journal Master List ICV 4,66; Ulrich's Periodical Directory, Elsevier, Engineering Village, Compendex)

Rn01 – Cepișcă C., Ganatsios S., Andrei H., Perpelea M., Dogaru V., Serițan G.,

Determinari experimentale privind regimul deformant la functionarea lampilor cu vapori de sodiu de inalta presiune

In: Buletinul Stiintific al Universitatii din Pitesti, Seria Metrologie, Sisteme de masurare si ingineria calitatii, nr.4/2003, pag.38-44, Ed. Universitatii Pitesti, ISSN 1582-6023

Rn02- Cepișcă C., Ganatsios S., Andrei H., Perpelea M., **Serițan G.**, Dogaru V.,

Influenta operatiei de esantionare asupra exactitatii aparatelor digitale destinate masurarii energiei electrice

In: Buletinul Stiintific al Universitatii din Pitesti, Seria Metrologie, Sisteme de masurare si ingineria calitatii, nr.4/2003, pag.31-38, Ed. Universitatii Pitesti, ISSN 1582-6023

Rn03- Cepisca C., Jula N., Cepisca Cornelia, **Seritan G.**,

Exactitatea măsurării energiei electrice. Erori și metode de compensare.

In: Buletinul Stiintific al Academiei Forțelor Aeriene "Henri Coandă" Brașov, anul II ,nr.2 (12) nov.2000,pag.241-251 (SCOPUS)

Rn04- Cepisca C., **Seritan G.**, Ganatsios S., Jula N., Andrei H.,

Méthodes de correction des erreurs dues aux transformateurs de courant au mesurage des énergies électriques

In : Buletinul Institutului Politehnic din Iasi, Tom L(LIV),2004, Fasc.5B, pag.745-755

Vis1 - Paturca S., Covrig M., Cepisca C., **Seritan G.**,

Proposed Schemes for Improving the Steady State Behaviour of Direct Torque Controlled Induction Motor,

In: Proceedings of 7th WSEAS International Conference on Power systems (PE 2007) -New Advances in Power Systems, Book Series Electrical and Computer Engineering, pp.53-58 , Beijing, China, 15-17 September, 2007, ISSN 1790-5117, ISBN 978-960-8457-90-4 (ISI Conference Proceedings Citation Index –Web of Science®- poz.25992), WOS:000254224000010

Vis2 - Cepisca C., Banica C., Ganatsios S., Andrei H., **Seritan G.**,

Elements of Signal ECG Evaluations with Wavelet Transform

In: Proceedings of 7th WSEAS International Conference on Signal processing, computational geometry & artificial vision (ISCGAV'07), Book Series Electrical and Computer Engineering, pp.240-242, Vouliagmeni, Athens, Greece, August 25-27, 2007, ISSN:4444-9999, ISBN: 978-960-8457-97-3 (ISI Conference Proceedings Citation Index – Web of Science®- poz.25993, portal.acm.org), WOS:000257283500043

Vis3 – Cepisca C., **Seritan G.**, Cepisca C.I., Grigorescu S.D,

Digital Sampling Method in the Measurements of Electrical Power and Energy

In: Proceedings of the 9th WSEAS Int. Conf. on Mathematical Methods and Computational Techniques in Electrical Engineering, Book Series Title: Electrical and Computer Engineering, pp.45-49, Arcachon, France, October 13-15, 2007, ISBN 978-960-6766-11-4, ISSN 1790-5117 (ISI Conference Proceedings Citation Index – Web of Science®- poz.48117), WOS:000254019000008

Vis4 – Argatu F., Cepisca C., Grigorescu S., **Seritan G.**, Covrig M.,

Mathematical Model of Dynamic Lamp Characteristics,

In : Proceedings of the European Computing Conference (ECC09) and Proceedings of the 3rd International Conference on Computational Intelligence (CI09), pp.156-159, Tbilisi, Georgia,26-28 June, 2009, Computing and Computational Intelligence, Electrical and Computer Engineering Series , A Series of Reference Books and Textbooks, WSEAS Press, ISSN 1790-5117,ISBN 978-960-474-088-8 (ISI, portal.acm.org), WOS:000271254900019

Vis5 - Ghiculescu D., Marinescu N.I., Ghiculescu D., **Seritan G.**,

Distance against Competitors from the Field of Concentrated Energies Technologies Evaluated through Elements of Customer Matrix,

In: Advances in Production, Automation and Transportation Systems, Proceedings of the 6th International Conference on Manufacturing Engineering, Quality and Production Systems, WSEAS Press, ISBN: 978-1-61804-193-7, p. 178-183, 2013. (Google Scholar)

Vis6 – Cepisca C., Morcovescu M., **Seritan G.**, Bardis N., Grigorescu S.D., Banica C.,

Software Solution Implementation for Regional Balancing Mechanism of Electrical Energy,

In: Applied Mechanics and Materials Vols. 291-294 (2013) pp 1308-1311, Trans Tech Publications, Switzerland 2012, www.scientific.net © (2013), International Conference on Sustainable Energy and Environmental Engineering (ISEEE 2012) December 29~30, 2012, Guangzhou (China),
doi: 10.4028/www.scientific.net/AMM.291-294.1308 (indexat SAO/NASA ADS Physics Abstract Service, TransTechPublications, Elsevier, researchgate.net, google scholar), WOS:000320478400250

Vis7- Cepisca C., Lazar Al., Grigorescu S.D., **Serițan G.**,

Database structure support for bid interface,

In: Proceedings of WSEAS Intl. Conference Recent Researches in System Science, Corfu, 2011, pp.394-397, ISBN: 978-1-61804-023-7, SCOPUS

Vis8 - Cepisca C., **Serițan G.C.**, Grigorescu S.D., Argatu F.,

Aspects of metrological calibration of power quality analyzers,

In: Proceedings of 8th International Symposium on Advanced Topics in Electrical Engineering, May 23-25, 2013, Bucharest, pp.4, ISSN 978-1-4673-5978-8, IEEE Catalog Number , CFP1314P-CDR, (CD-ROM, Section SIMOP 4_77) ART; Code 99883

Vis9 – Cepisca C., Grigorescu S.D., **Serițan G.**,

Design and Implementation of Regional Balancing Mechanism Software,

In: Recent Advances in Energy and Environmental Management, Proceedings of the 8th International Conference on Energy & Environment (EE '13), Rhodes Island, Greece July 16-19, 2013, pp.29-33 ISSN: 2227-4359, ISBN: 978-960-474-312-4

Vis10 - Cepișcă C., Andrei H., Cepișcă Cornelia, Ganatsios S., **Serițan G.C.**

The influence of digital sampling in the electrical metrology,

In: AQTR 2004 - THETA 14 Proceedings of 2004 IEEE-TTTC International Conference on Automation, Quality&Testing,Robotics, 13-15 may 2004, tome I, pp.487, ISBN : 9737130464, 9789737130464, Cluj Napoca ,
http://aqtr.ro/2014/previous/papers/AQTR_2004_papers.html.

Vis11 - Cepișcă C., Covrig M., Andrei H., Dogaru V., **Serițan G.C.**

Models and characterization of instrument transformers for energy measurement,

In: AQTR 2004 - THETA 14 Proceedings of 2004 IEEE-TTTC International Conference on Automation, Quality&Testing,Robotics, 13-15 may 2004, tome I, pp.257-261, ISBN : 9737130464, 9789737130464, Cluj Napoca ieeexplore
http://aqtr.ro/previous/papers/AQTR_2004_papers.html

Vis12 - Taousanidis N., Gavros C., **Serițan G.C.**,

Microcontroller based thermal energy metering for solar water heaters,

In : Proceedings of 3rd International Conference on Electrical and Power Engineering “EPE 2004”, October 7-8, vol.B, pag.756-761, 2004, Iasi (SCOPUS)

Vis13 - Cepișcă C., Ganatsios S., **Serițan G.C.**, Jula N., Andrei H.,

Methodes de correction des erreurs dues aux transformateurs de courant au mesurage des energies electriques

In: Proceedings of 3-rd International Conference on Electrical and Power Engineering “EPE 2004”, October 7-8, vol.B, pag.749-755, 2004, Iasi, (SCOPUS)
<http://iota.ee.tuiasi.ro/~epe/AUTHOR%20LIST.pdf>;

Vis14 – Banica C.K., **Serițan G.**, Cepisca C.,

Multidimensional analysis regarding the processing of the ECG signal,

In : Proceedings of the 16th edition 2008 IEEE International Conference on Automation, Quality and Testing, Robotics AQTR 2008 – THETA 16, May 22-25, 2008, Cluj-Napoca, ISBN:978- 1-4244-2576-1 IEEE Catalog Number:CFP08AQT-PRT, Library of Congress: 2008904446

Vis15 - Ceaki O., Vatu R., Golovanov N., Porumb R., **Serițan G.**,

Analysis of the Grid-Connected PV Plants Behavior with FACTS Influence

UPEC 2014, 49th International Universities` Power Engineering Conference, 2-5 Septembrie, Cluj-Napoca, Romania, ISBN 978-1-4799-6556-4, pp 1 – 6, doi: 10.1109/UPEC.2014.6934822, INSPEC Accession Number: 14697725, Accession Number: WOS:000364087800211

Vis16 - Vatu R., Ceaki O., Golovanov N., Porumb R., **Serițan G.**,
Analysis of storage technologies with smart grid framework, UPEC 2014, 49th
International Universities` Power Engineering Conference, 2-5 Septembrie, Cluj-
Napoca, Romania, ISBN 978-1-4799-6556-4, pp1-5, doi:
10.1109/UPEC.2014.6934823, INSPEC Accession Number : 14697808; Accession
Number: WOS:000364087800212

Vis17 - Cepisca, C.; **Seritan, G. C.**; Ancuta, F., Paraschiv, AM
Optimization and Monitoring Energy Consumption from Small Industrial Consumers
Conference: 7th International Conference on Electronics, Computers and Artificial
Intelligence (ECAI) Location: Bucharest, ROMANIA Date: JUN 25-27, 2015
Sponsor(s): IEEE Romania section; IEEE Industry Applications Society; Univ Pitesti;
Univ Europei Sud Est Lumina; Ministerul Educatiei Cercetarii Stiintifice Proceedings
of the 2015 7TH International Conference on Electronics, Computers and Artificial
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Program AMCSIT-INOVARE, Contract Nr.56/2007 ; 2007-2010

Pn17 – colaborator - “Inovare in servicii de internet si multimedia prin utilizarea convergenta a solutiilor de streaming inteligent si social networking - SIMT”,
Program AMCSIT-INOVARE, Contract Nr.111/2007 ; 2007-2010

Pn18 – colaborator - “Echipament 90kVA de actionare a motoarelor electrice de 400Hz ale avionului-AVION”,
Program AMCSIT-INOVARE, Contract nr.Nr.129/2007 ; 2007-2010

Pn19 – colaborator - “Modernizarea sigurantelor fuzibile pe baza optimizarii regimurilor termice si electrice in functionarea acestora- MS-FORTE”,
Program AMCSIT-INOVARE,Contract Nr.128/2007 ;2007-2010

Pn20 – colaborator - “Sistem integrat de conducere in timp real a producerii eficiente a energiei electrice si termice in centrale cogenerative pe gaz - ISCET”,
Contract PN2 PARTENERIATE Nr. 71-107-P3 / 18.09.2007, 2007-2010

Pn21 – colaborator - “Proiectarea inteligentă de componente integrate flexibile foto-voltaice cu randament de conversie foto-electrică maximizat (IFIPVCELLS)
Contract PN2 PARTENERIATE Nr.21-021/2007. 2007-2010

Pn22 – colaborator - “Metode si tehnici pentru optimizarea funcționarii eficiente energetic a consumatorilor industriali in scopul reducerii pierderilor de energie in rețeaua electrica de alimentare – RELES ” *Contract PN2 PARTENERIATE Nr. 21-033-P3 / 18.09.2007,2007-2010*

Pn23 – colaborator - „Sistem video automatizat cu grad ridicat de interschimbabilitate pentru etalonare metrologică- VIDEOCAL”
Contract PN2 PARTENERIATE nr. 72-173/ 2008, 2008-2010

Pn24 – colaborator - „Cercetări asupra unui nou mecanism energetic in zona sud europeana”,
Contract Capacități nr.75EU/11.06.2010 2010-2012

Pn25 – colaborator - „Platforma e-health pentru monitorizare, localizare și procesare în timp real, destinată pacienților cu risc cardiovascular – ERISC”,
Program PNCDI II Parteneriate, Contract 12123/2008, 2008-2011

Pn26-colaborator – „Sistem laser adaptat pentru biomicroscop oftalmic – OFTALAS”,
Program PNCDI II Inovare Contract nr. 180/3 / 26.08.2008, 2008-2010

Pn27-colaborator - „Sistem mobil de cartare precisă a arterelor rutiere și a obiectivelor adiacente din teren – MMS”,
Program PNCDI II Inovare Contract nr. 184 / 26.08.2008 , 2008-2010

Pn28 – colaborator - „Sistem informatizat de alimentare și protecție integrată, destinat instalațiilor de automatizare și teleconducere din stațiile de transformare și distribuție a energiei electrice – SIASTE”,

Program PNCDI II Inovare Contract 179/2008, 2008-2010

Pn29 – colaborator - „New methods and investigations protocols for the early diagnosis, efficient screening, prognostic and therapy of non-melanoma skin cancers based on existing and novel micro & nano optical tools – NANOLASCAN”,

Program PNCDI PARTENERIATE Contract: 10/2012, 2012-2015

Pn30 – colaborator - „Sistem de imagistica optica multimodala pentru detectia intraoperativa a marginilor pozitive a tumorilor – MOIST”,

Program PNCDI PARTENERIATE Contract nr: 184/2012, 2012-2015

Pn31 – colaborator – „Contor inteligent bazat pe evaluarea semnăturii energetic”

Program PNCDI PARTENERIATE Contract nr: 30/2012, 2012-2015

Pn32 – director - Contract nr, PO19004 / 1780/09.04.2014 POSCCE-Axa prioritară 2 ”Competitivitate prin CDI” /Operațiunea 2.3.3 “ Promovarea inovării în cadrul întreprinderilor” - cod SMIS 50239 cu titlul “ Platformă de bio-monitorizare a parametrilor vitali în operarea infrastructurilor critice”, 2014-2016;

Pn33 – responsabil - CTR. 342/2014, „Platforma virtuala de e-learning bazata pe aplicatii 3D utilizabila in protetica dentara”, (Acronim: VIRPRO) - Proiect: PN-II-PT-PCCA- 2013-4-0644 , oct 2014 - 30 sept 2017

Pn34 – colaborator - Integrare pe scara larga a resurselor regenerabile electrice inteligente si durabile de tip insular -241EU/2013, Capacitati, Modulul III, 2013-2015.