Universitatea „Petru Maior" din Tîrgu Mureș
Facultatea de Inginerie
Departamentul de Inginerie Electrică și Calculatoare
Cadru didactic: Șef lucrări dr. ing Adrian Gligor
Concurs pentru ocuparea postului de conferențiar, poziția 9

# LISTA COMPLETĂ DE LUCRĂRI
## A CANDIDATULUI PENTRU OBȚINEREA TITLULUI DE CONFERENȚIAR

## A. LUCRĂRI RELEVANTE (maxim 10 lucrări)

1. **Gligor, A.;** Grif, H.; Oltean, S.; Considerations on an intelligent buildings management system for an optimized energy consumption, 2006 IEEE International Conference on Automation, Quality, Testing and Robotics, Vols 1 and 2  Pages: 228-232;

2. **Gligor, A.;** Turc, T.; Development of a service oriented SCADA system. Conference: International Conference on Emerging Markets, Queries in Finance and Business Location: Petru Maior Univ Tirgu-Mures, Targu Mures, ROMANIA Date: OCT 24-27, 2012, Procedia Economics and Finance, Volume 3, 2012, Pages 256–261

3. **Gligor A.**; Design and Simulation of a Shunt Active Filter in Application for Control of Harmonic Levels, Acta Universitatis Sapientiae. Electrical and Mechanical Engineering, 2009, Nr. 1, ISSN: 2065-5916, pp. 53-63

4. Oltean, S. E.; Abrudean, M.; **Gligor, A**; MRAC and FMRLC for a plant with time varying parameters, 2006 IEEE International Conference on Automation, Quality, Testing and Robotics, Vols 1 and 2  Pages: 32-37

5. **Gligor A.,** Morar A.; Cooling Water Temperature Control System for Installations at a Chemical Plant, Acta Electrotehnica 48 (3), 230-235

6. Dumitru, C.-D.; **Gligor, A.;** SCADA based software for renewable energy management system, Conference: International Conference on Emerging Markets, Queries in Finance and Business Location: Petru Maior Univ Tirgu-Mures, Targu Mures, ROMANIA Date: OCT 24-27, 2012, Procedia Economics and Finance, Volume 3, 2012, Pages 262–267

7. Avram, C.; **Gligor, A**.; Avram, E.-L.; Designing A System For Modeling The Economic Processes Based On Formal Models, International Conference On Informatics In Economy Book Series: International Conference on Informatics in Economy  Pages: 249-253  Published: 2013

8. **Gligor, A.,** Turc, T., Dumitru, C.D., Morar, Al.; Development of an extensible description language for virtual instrumentation, 2010 IEEE International Conference on Automation, Quality and Testing, Robotics, AQTR, 2010 - Proceedings, 1 - 6, DOI: 10.1109/AQTR.2010.5520755

9. Dumitru, C.- D.; **Gligor, A**.; Modeling And Simulation Of Renewable Hybrid Energy Sources Using Matlab/Simulink Environment, Scientific Bulletin of the "Petru Maior" University of Târgu Mureș, Vol. 7 (XXIV), no. 2, 2010, ISSN 1841-9267, pp. 5-9

10. Codoiu Gh. R, **Gligor A.**; Current and power components simulation using the most recent power theories, Proc. of The 3th edition of the International Conference on Interdisciplinarity in Engineering (INTER-ING 2007), pp. V-7-1 - V-7-8

## B. TEZA DE DOCTORAT

Universitatea: **Universitatea Tehnică din Cluj-Napoca**
Titlul tezei: ***Contribuţii privind sistemele avansate de conducere şi optimizare a proceselor energetice în instalaţiile electrice la consumatori***
Conducător ştiinţific: **Prof. univ. dr. ing. Radu Florin POP**
Data susţinerii: 8 iunie 2007

## C. BREVETE DE INVENŢIE

1. Dumitru Cristian, **Gligor Adrian**; *Dispozitiv utilizat in instalaţia de monitorizare si control a parametrilor unui grup eolian de mica putere cu magneţi permanenţi*, Număr înregistrare brevet CBI OSIM A/00579, 2012

2. **Gligor Adrian**, Duka Adrian-Vasile; *Cabină de probă virtuală bazată pe gesturi (produs şi metodă)*, Numar înregistrare brevet CBI OSIM A00307/18.04.2013

## D. CĂRŢI ŞI CAPITOLE/STUDII ÎN CĂRŢI DE SPECIALITATE SAU VOLUME COLECTIV

### • D1. CĂRŢI

1. **Gligor A.**, Dulău M.; Sisteme informatice în societatea informaţională, Ed. Napoca Star Cluj - Napoca, 2005 (121 pag.)
2. Ciotea V., Ciotea M., **Gligor A.**, Şoaita D. Tehnologia informaţiilor şi comunicării. Napoca Star, Cluj-Napoca, 2005 (205 pag.)
3. Ciotea V., **Gligor A.**; Programare vizuală şi tehnici RAD cu aplicaţii în sisteme flexibile de fabricaţie, Ed. Napoca Star, Cluj-Napoca, 2005, (200 p.)
4. **Gligor A.**; Asigurarea calităţii energiei electrice în instalaţiile electrice poluate armonic, IBSN: 978-606-581-117-1, Petru Maior University Press, 2014

### • D2. CAPITOLE DE CĂRŢI

1. Bică D., Dumitru C., **Gligor A.,** Duka A.; *Isolated Hybrid Solar-Wind-Hydro Renewable Energy Systems (Chapter 16)*, în Renewable Energy, Edited by T J Hammons, ISBN 978-953-7619-52-7, Publisher: InTech, DOI: 10.5772/7366, pp. 297-316 (20 pag.)

### • D3. MANUALE DIDACTICE, INDRUMĂTOARE DE LABORATOR/APLICAŢII

1. **Gligor A.;** Calitatea energiei electrice. Curs pentru studenţi, Universită?ii "Petru Maior" Tîrgu Mureş, 2013 (115 pag.)
2. Dulău M., **Gligor A.;** Ingineria Sistemelor automate I, note de curs, Univ. Petru Maior, Tg. Mureş, 2011 (110 pag.)
3. Zărnescu H., Morar P., Dulău M, **Gligor A.**, Brassai T.; Ingineria reglării automate, Îndrumător de lucrări de laborator. Partea I. Univ. Petru Maior, Tg. Mureş, 1998 (97 p.)
4. Zărnescu H., Dulău M, **Gligor A.**; Ingineria reglării automate, Lucrări de laborator. Vol II., Sisteme de reglare cu regulatoare discrete ?i discontinue, Univ. Petru Maior, Tg. Mureş, 2005 (70 p.)
5. Dulău M, Rusu M., **Gligor A.;** Ingineria sistemelor automate I, Lucrări de laborator, Univ. Petru Maior, Tg. Mureş, 2012 (86 p.)

6. **Gligor A.;** Programarea aplicațiilor de timp real. Lucrări practice de laborator. Univ. Petru Maior, Tg. Mureș, 2013

# E. ARTICOLE PUBLICATE ÎN REVISTE DIN FLUXUL ȘTIINȚIFIC INTERNAȚIONAL PRINCIPAL

- **E1. Articole publicate în reviste indexate ISI**

1. **Gligor, Adrian;** Turc, Traian; Development of a service oriented SCADA system, Procedia Economics and Finance, Volume 3, 2012, Pages 256–261
2. Dumitru, Cristian-Dragos; **Gligor, Adrian**; SCADA based software for renewable energy management system, Procedia Economics and Finance, Volume 3, 2012, Pages 262–267
3. Avram, Calin; **Gligor, Adrian**; Avram, Eleonora Laura; New approach on optimal decision making based on formal automata models, Procedia Economics and Finance, Volume 3, 2012, Pages 852–857

- **E2. Articole în reviste indexate în alte baze de date internaționale BDI**

1. Dumitru Cristian-Dragoș, **Gligor Adrian**; Designing of a Renewable Energy Training Programme for Engineering Education, Procedia Technology, Volume 12, 2014, Pages 753-758
2. Bucur Sorana-Maria, Chibelean Manuela, **Gligor Adrian**, Pacurar Mariana; Expert System for Determining the Level of Stress before Pediatric Dental Treatment, Procedia Technology, Volume 12, 2014, Pages 548-557
3. **Gligor Adrian**, Dumitru Cristian Dragoș, Turc Traian; Monitoring and Control by Virtual Tools of an Educational Renewable Energy System, Scientific Bulletin of the Petru Maior University of Tirgu Mures Vol. 6 (XXIII), 2009, ISSN 1841-9267, pp. 60-64
4. Dumitru, Cristian Dragoș; **Gligor, Adrian**; Grif, Horațiu; Regensim-Matlab Toolbox For Renewable Energy Sources Modelling And Simulation, Scientific Bulletin of the Petru Maior University of Targu Mures;2011, Vol. 8 Issue 2, pp. 86-89
5. Dumitru Cristian Dragos, **Gligor Adrian**; Modeling of renewable hybrid energy sources, Scientific Bulletin of the "Petru Maior"" University of Tîrgu Mure?, ISSN 1841-9267, 12/2009, Volume 6+(XXIII), Issue 2, pp. 98 - 102
6. Cristian Dragoș Dumitru, **Adrian Gligor**; Modeling And Simulation Of Renewable Hybrid Energy Sources Using Matlab/Simulink Environment, Scientific Bulletin of the "Petru Maior" University of Târgu Mureș, Vol. 7 (XXIV), no. 2, 2010, ISSN 1841-9267, pp. 5-9
7. **Gligor A.**, Morar A.; Cooling Water Temperature Control System for Installations at a Chemical Plant, Acta Electrotehnica 48 (3), 230-235
8. **Gligor A.,** Dumitru C.D.; Agents-based distributed processes control systems, Scientific Bulletin of the "Petru Maior"" University of Tîrgu Mure?, ISSN 1841-9267, 12/2011, Volume 8+(XXV), Issue 2, pp. 107 - 111
9. Turc Traian, **Gligor Adrian**; Development of service oriented web-based SCADA application, Scientific Bulletin of the "Petru Maior"" University of Tîrgu Mure?, ISSN 1841-9267, 12/2011, Volume 8+(XXV), Issue 2, pp. 119 – 122
10. Ronay Karoly; Dumitru Cristian; **Gligor Adrian**; Management of a power system based on renewable energy, Scientific Bulletin of the "Petru Maior" University of Tîrgu Mure?, ISSN 1841-9267, 06/2012, Volume 9+(XXVI), Issue 1, pp. 38 - 42
11. Grif Horatiu Stefan; **Gligor Adrian**; Pop Florin; Instrumentație virtuală pentru un sistem de supraveghere și control al iluminatului, revista Ingineria iluminatului 6-2000, pp. 21-24
12. Dumitru C.D., **Gligor A.,** Morar A.; Virtual Laboratory for Study of Renewable Solar Energy, ACTA ELECTROTEHNICA nr. 4, 2009, ISSN 1841-3323, pp. 266-270

13. Dumitru C.D., Gligor A.; Software Development For Analysis Of Solar-Wind Hybrid Systems Supplying Local Distribution Networks, Acta Electrotehnica, Special Issue: Proceedings of the 2nd International Conference on Modern Power Systems MPS, 2008, pp. 12-14

14. Dumitru C.D., **Gligor A.;** Power Quality Analysis of a System Based on Renewable Energy Supplying a Local Distribution Network, Acta Electrotehnica, Special Issue: Proceedings of the 2nd International Conference on Modern Power System MPS, Cluj-Napoca, Romania, pp. 224-226

15. **Gligor A.;** Design and Simulation of a Shunt Active Filter in Application for Control of Harmonic Levels, Acta Universitatis Sapientiae. Electrical and Mechanical Engineering, 2009, Nr. 1, ISSN: 2065-5916, pp. 53-63

16. Avram C., **Gligor A.**, Cristescu C., Ciovica L.; The Design Of Information System For Implementation Of Formal Models, Revista Academiei Fortelor Terestre . Dec2012, Vol. 17 Issue 4, p413-419

17. Grif H.S., **Gligor A.**; Aspecte privind modelarea ?i reglarea unor procese energetice utilizând inteligena artificială, Revista INGINERIA ILUMINATULUI, Anul I, numărul 2 - septembrie 1999, pp. 11-14

# E. PUBLICAȚII ÎN EXTENSO, APĂRUTE ÎN LUCRĂRI ALE PRINCIPALELOR CONFERINȚE INTERNAȚIONALE DE SPECIALITATE

- ## E1. Articole publicate în conferințe indexate ISI

1. **Gligor, A.;** Grif, H.; Oltean, S.; Considerations on an intelligent buildings management system for an optimized energy consumption, 2006 IEEE International Conference on Automation, Quality, Testing and Robotics, Vols 1 and 2 Pages: 228-232

2. Oltean, S. E.; Abrudean, M.; **Gligor, A**; MRAC and FMRLC for a plant with time varying parameters, 2006 IEEE International Conference on Automation, Quality, Testing and Robotics, Vols 1 and 2 Pages: 32-37

3. Avram, Calin; **Gligor, Adrian**; Avram, Eleonora Laura; Designing A System For Modeling The Economic Processes Based On Formal Models, International Conference On Informatics In Economy Book Series: International Conference on Informatics in Economy Pages: 249-253 Published: 2013

- ## E2. Articole în volumele unor manifestări științifice indexate în alte baze de date internaționale BDI

1. **Gligor, A.,** Turc, T., Dumitru, C.D., Morar, Al.; *Development of an extensible description language for virtual instrumentation*, 2010 IEEE International Conference on Automation, Quality and Testing, Robotics, AQTR, 2010 - Proceedings, 1 - 6, DOI: 10.1109/AQTR.2010.5520755

2. Turc, T., **Gligor, A**., Dumitru, C., Morar, A.; Development of extensible virtual instruments for SCADA applications, 2010 IEEE International Conference on Automation, Quality and Testing, Robotics, AQTR 2010 - Proceedings, 1 - 5, DOI: 10.1109/AQTR.2010.5520767

3. Dulau, M., Oltean, S.-E., Duka, A.-V., **Gligor, A.;** Behavioural study of a thermal process control under uncertainties, 2010 IEEE International Conference on Automation, Quality and Testing, Robotics, AQTR 2010 - Proceedings, 1-4, DOI: 10.1109/AQTR.2010.5520890

4. Dub, V., Sarchiz, D., **Gligor, A**., Georgescu, O.; An algebraic method of computing the power grid robustness targeted enlargement, Environment and Electrical Engineering (EEEIC), 2011 10th International Conference on, 1-4, DOI: 10.1109/EEEIC.2011.5874837

5. Avram Călin, **Gligor Adrian**, Avram E. Laura; Application of formal languages in modeling and simulation of insurance processes, 2012 Mendel Conf., pp.405-409

6. **Gligor Adrian**, Dumitru Cristian-Drago?, Hora?iu-?tefan GRIF; Power Quality Disturbance And Power Flow Analysis In A Hybrid Renewable Energy System Using Matlab, The 4th edition of the Interdisciplinarity in Engineering International Conference Petru Maior" University of Tîrgu Mureş, Romania, 2009 , ISSN?2285 - 0945, pp. 52-56

7. Dulău Mircea, Oltean Stelian, **Gligor Adrian**, Jovrea Titus ; Numerical Structures For Slow Processes Control, Interdisciplinarity in Engineering, ISSN 2285-0945, 11/2009, pp. 129 - 132

8. Simion Al.-R., **Gligor A.**, Iantovics B.; Finding Similarities Between Patterns Using An Opencv Embedded Implementation, The Proceedings of the European Integration-Between Tradition And Modernity Congress, Editura Universităţii ""Petru Maior"", Volume Number 5, 2013, ISBN 978-606-581-095-2, pag. 1221-1229

9. Grif Horatiu Stefan; **Gligor Adrian**; Dumitru Cristian; Neural Daylight Control System With On-Line Inverse Process Modeling, Interdisciplinarity in Engineering, ISSN 2285-0945, 11/2009, pp. 124 - 128

10. Dumitru Cristian, **Gligor Adrian**; Optimal Design Of A Photovoltaic Rural Road Lighting System, Interdisciplinarity in Engineering, ISSN 2285-0945, 11/2012, pp. 266 - 271

11. Dumitru Cristian, **Gligor Adrian**, Turc Traian; Scada Application For Solar Energy Conversion Efficiency Used In Water Heating Application, Interdisciplinarity in Engineering, ISSN 2285-0945, 11/2012, pp. 288 - 292

12. Dulău Mircea, **Gligor Adrian**, Grif Horaţiu-Ştefan ; Modelling, Simulation And Robust Analysis Of The Temperature Process Control, Interdisciplinarity in Engineering, ISSN 2285-0945, 11/2012, pp. 312 - 316

13. Dumitru C.D., **Gligor A.**, Morar A.; Renewable Energy Laboratory For Lighting Systems, Proc. of 5th International Conference ILUMINAT, Cluj-Napoca, 2009, pp. 1-6

14. Turc Traian, Gligor Adrian; Gas Plant SCADA Software Application, Proc. of The 4th edition of the Interdisciplinarity in Engineering Intl. Conf., 2009, ISSN 1843-780X, pp. 354-359

15. Grif H.S., **Gligor A.,** Bucur D.; Fluorescent Daylight Control System based on B-spline Like Network whith Gaussian-Type Basis Functions, The Proc of The 4th International Conference ILUMINAT, 2007, pp. 161-166

16. Codoiu Gh. R, **Gligor A.**; Current and power components simulation using the most recent power theories, Proc. of The 3th edition of the International Conference on Interdisciplinarity in Engineering (INTER-ING 2007), pp. V-7-1 - V-7-8

## F. ALTE LUCRĂRI ŞI CONTRIBUŢII ŞTIINŢIFICE

- ### F1. GRANTURI/PROIECTE DE CERCETARE NAŢIONALE ŞI INTERNAŢIONALE

1. Responsabil evaluare și suport tehnic în cadrul proiectului "eScience project - Reseau magrebin de laboratoires a distance", director din partea partenerului din România dr. ing. German Sallo-Zoltan, proiect finanțat prin programul TEMPUS, 100671-CP-1-2002-1-FR-MINERVA-MPP, buget total 987.755,21 Euro, buget UPM 28467,13 Euro, 2013-2015

2. Responsabil TIC în echipa Universității "Petru Maior" din Tîrgu-Mureş în cadrul proiectului "eMerge - Educational Network Structure for Dissemination of Real Laboratory Experiments to Support Engineering Education", director din partea UPM: dr. ing. German Sallo-Zoltan, proiect finanțat prin programul EU Socrates/Minerva, 100671-CP-1-2002-1-FR-MINERVA-MPP, valoare grant 19122 Euro (total buget aprobat de 38407 Euro), 2002-2004

3. Director al proiectului "Cercetări privind proiectarea şi optimizarea sistemelor de comunica?ii utilizând tehnici de inteligenţă artificială", proiect de cercetare post-doctorală, finan?at prin Programul Opera?ional Sectorial Dezvoltarea Resurselor Umane POSDRU/89/1.5/S/63663, Re?ea transna?ională de management integrat al cercetării postdoctorale în domeniul Counicarea Ştiinţei. Construcţie instituţională şi program de burse (CommScie), Nr. 12386/01.07.2011 Univ. "Alexandru Ioan Cuza" din Iaşi, 7000 Euro, 2011-2012

4. Iniţiator şi responsabil al proiectului de finanţare nerambursabilă obtinut prin apelul de proiecte şi acţiunilor culturale 2013 - domeniul cultură al CJ. Mures, beneficiar Facultatea de Inginerie, Universitatea "Petru Maior" din Tg.-Mures, Contract Nr. CJ 10298 /03.06.2013, 356 Euro, 2013

5. Manager probleme educaţionale, responsabil şi iniţiator din partea Univ. „Petru Maior" din Tîrgu-Mureş, pt. proiectul: "Centru regional de pregătire continuă a resurselor umane în tehnologiile informa?ionale si comunicării", finantat prin programul Phare "Coeziune Economica si Sociala", linia de buget: Phare/2003/005-551.05.03.02., 2005, valoare: 50.966 euro

6. Responsabil TIC în cadrul proiectului "Formarea - la timpul prezent pentru viitor", POSDRU/19/1.3/G/26336, beneficiar Universitatea Petru Maior din Tg. Mures, director dr. Arina Modrea, valoare 411139 Eur., 2011-2012

   http://formarecontinua.upm.ro/

7. Membru în echipa proiectului Hybrid Medical Complex Systems -ComplexMediSys, Planul National pentru Cercetare Dezvoltare si Inovare 2007-2013-PNII Capacitati /Modul III Proiecte de Cooperare Bilaterala Romania-Slovacia ID Proiect: SK-R0-0014-10 Nr. Contract ANCS: 476 /07.03.11, CO Romania : Universitatea Petru Maior din Targu Mures, CO Slovacia: Institute of Informatics, Slovak Academy of Sciences, Director de proiect România : Dr. Harna Iantovics, Director de proiect Slovacia: Docent Dr. Ladislav Hluchy, Durata 2 ani: 2010-2011, Autoritatea Nationala de Cercetare Stiintifica din Romania (ANCS), Ministry of Education, Science, Research and Sport of the Slovak Republic Buget Proiect: 33796 total din care finantare ANCS 12500

8. Colaborator în cadrul proiectului Innovative Tools and Models for Vocational Education and Training in Central and Western Romania, Development of Innovation project in Romania in partnership with Norway, MoVE-IT, European Economic Area Project 2009-2011, Contract nr. 28/RO0038/2009, Programul Norvegian de Cooperare cu Romania, director Prof. Dr. ing. Liviu Moldovan, valoare 1128533 EUR.

9. Coordonator al echipei locale în cadrul proiectului "ABROSE Agent based BROkerage Services in Electronic commerce", parteneri: T-NOVA Deutsche Telekom, Innovationsgesellschaft mbH Berkom, France Telecom, University of Toulouse, Universidad Politécnica de Madrid, Tradezone Ltd., Dégriftour, National Technical University of Athens, InfoMures S.A., TU Berlin , proiect finan?at de Comisia Europeană în cadrul programului European Project ACTS Domain V316 (1998-2000), http://cordis.europa.eu/infowin/acts/analysys/intro/romania.htm

10. Membru în echipa proiectului "Extinderea retelei de agentii si puncte de lucru ale Registrului Independent Transilvania în regiunea de dezvoltare CENTRU", proiect finantat si implementat din Fondul Naţional pentru Dezvoltare Regională, în cadrul Programului Phare 1998, componenta Restructurare industrială si dezvoltarea resurselor umane, Cod contract 009/05.12.2000, Valoare 62500 Euro.

11. Participant în cadrul proiectului DidaTec-Şcoală universitară de formare iniţială şi continuă a personalului didactic şi a trainerilor din domeniul specializărilor tehnice şi inginereşti, 2013, POS DRU 1.3 Dezvoltarea resurselor umane din educaţie şi formare, POS-DRU/ 87/1.3/S/60891, valoare anul 2013 114046 eur., Director local conf. dr. ing. Mircea Dulău

12. Membru în echipa proiectului "Analiza vulnerabilitătii retelelor de transport si distributie", director conf. dr . ing Vasile Dub, beneficiar S.C. Electrica S.A., valoare 11700 Eur. Nr. ctr. 4335/29.12.2009, desfăşurare 2010

- **F2. REVIEWER PENTRU PUBLICAȚII ISI/BDI**

1. **Procedia Technology**, Proceedings of the 7th International Conference on Interdisciplinarity in Engineering 2013, "Interdisciplinarity in development of new technologies"

   http://www.sciencedirect.com/science/journal/22120173/12

2. **Proceedings of the 6th International Conference on Interdisciplinarity in Engineering 2012**, "Interdisciplinarity in development of new technologies",
   http://inter-eng.upm.ro/2012/

3. **Proceedings of the 5th International Conference INTER-ENG 2013 Interdisciplinarity in Engineering** 3-5 Nov. 2011 "Petru Maior" University of Tîrgu Mureş Romania, http://inter-eng.upm.ro/2011/committees.html

4. **Proceedings of the 4th International Conference INTER-ENG 2009 Interdisciplinarity in Engineering,** November 12-13, 2009, "Petru Maior" University of Tîrgu Mureş, Romania, http://inter-eng.upm.ro/2009/committees.html

5. **Journal of Electrical and Electronics Engineering Research (JEEER),** JEEER/22.04.13/0438 on-line Mai, 2013 http://www.academicjournals.org/journal/JEEER

6. **International Conference on Complexity and Intelligence of the Artificial and Natural Complex Systems - Medical Applications of the Complex Systems Biomedical Computing**, Location: Petru Maior Univ Targu, Targu Mures, ROMANIA Date: 8-10 nov., 2008

   http://apps.webofknowledge.com.ux4ll8xu6v.useaccesscontrol.com/Search.do?product=WOS&SID=3EtstWHAEbnn2yAp7Wq&search_mode=GeneralSearch&prID=66cf80dd-ce4a-47cf-9c9a-71d86c12c4f4

7. **3rd IIAI International Conference on e-Services and Knowledge Management** (IIAI ESKM 2012) September 20-22, 2012, Fukuoka, Japan Kyushu University (IEEExplore)
   http://aai2012.iaiai.org/eskm2012/index.html
   http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=6337230

3. **IIAI International Conference on Advanced Applied Informatics** (IIAI AAI 2013), secțiunea 4th International Conference on E-Service and Knowledge Management (ESKM 2013), Japonia, Japan Kyushu University, Matsue, August 31 - September 4, 2013
   http://aai2013.iaiai.org/eskm.html


- **F4. MEMBRU ÎN COMITETE ȘTIINȚIFICE SAU DE ORGANIZARE ALE CONFERINȚELOR INTERNAȚIONALE**

1. membru în comitetul de organizare al **7th International Conference Interdisciplinarity in Engineering Inter-Eng 2013**, 10-11 oct., 2013, Tirgu Mures, Romania

2. membru în comitetul de organizare al **6th International Conference Interdisciplinarity in Engineering Inter-Eng 2012**, 4-5 oct., 2012, Tirgu Mures, Romania

3. membru în comitetul de organizare al **5th International Conference Interdisciplinarity in Engineering Inter-Eng 2011**, 3-5 nov., 2011, Tirgu Mures, Romania

4. membru în comitetul de organizare al **4th International Conference Interdisciplinarity in Engineering Inter-Eng 2011**, 12-13 nov., 2011, Tirgu Mures, Romania

5. membru în comitetul conferinței **International Conference on Complexity and Intelligence of the Artificial and Natural Complex Systems** - Medical Applications of the Complex Systems

Biomedical Computing Location: Petru Maior Univ Targu, Targu Mures, ROMANIA Date: 8-10 nov., 2008

http://davos.science.uttgm.ro/complex_systems/scientific_committee.html

6. membru în comitetul conferinței **International Workshop on Next Generation Intelligent Medical Decision Support Systems** Location: Petru Maior Univ Targu, Targu Mures, ROMANIA Date: 18-19 sept., 2011 http://ncscs.upm.ro/scientific_committee.html

7. membru în comitetul conferinței 3rd IIAI International Conference on e-Services and Knowledge Management (IIAI ESKM 2012) September 20-22, 2012, Fukuoka, Japan Kyushu University (IEEExplore)

8. membru în comitetul conferinței IIAI International Conference on Advanced Applied Informatics (IIAI AAI 2013), sec?iunea 4th International Conference on E-Service and Knowledge Management (ESKM 2013), Japonia, Japan Kyushu University, Matsue, August 31 - September 4, 2013

- **F5. CITĂRI ÎN REVISTE ȘI VOLUME ISI/BDI**

1. Turc, T., **Gligor, A**., Dumitru, C., Morar, A.; *Development of extensible virtual instruments for SCADA applications* **citat în** *Platform-integrated sensors and personalized sensing in smart buildings*, de Milenkovic, M., Dang, T., Hanebutte, U., Huang, Y., SENSORNETS 2013 - Proceedings of the 2nd International Conference on Sensor Networks, 2013, Pages 47-52, SCOPUShttp://www.scopus.com.ux4ll8xu6v.useaccesscontrol.com/record/display.url?eid=2-s2.0-84878207144&origin=resultslist&sort=plf-f&cite=2-s2.0-77958562228&src=s&imp=t&sid=93787C05A8D0B0AAA8365234AB0F6B6F.WeLimyRvB Mk2ky9SFKc8Q%3a50&sot=cite&sdt=a&sl=0&relpos=0&

2. Oltean, S.E., Abrudean, M., **Gligor, A**. *MRAC and FMRLC for a plant with time varying parameters* **citat în** Adaptive control of a time-varying rotary servo system using a fuzzy model reference learning controller with variable adaptation gain de Aydoggdu, Ö., Alkan, Ö., urkish Journal of Electrical Engineering and Computer Sciences, Volume 21, Issue SUPPL. 2, 2013, Pages 2168-2180
http://www.scopus.com.ux4ll8xu6v.useaccesscontrol.com/record/display.url?eid=2-s2.0-84889579595&origin=resultslist&sort=plf-f&cite=2-s2.0-45249121540&src=s&imp=t&sid=93787C05A8D0B0AAA8365234AB0F6B6F.WeLimyRvB Mk2ky9SFKc8Q%3a150&sot=cite&sdt=a&sl=0&relpos=0

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- **F6. MOBILITĂȚI INTERNAȚIONALE DE PREDARE (ERASMUS TEACHING STAFF MOBILITY)**

1. Universitatea din Salento, 2008 – Italia,
2. Odense Technical College, mai 2009 - Danemarca,
3. Universitatea din Pireu, mai 2010 – Grecia,
4. Haute École Charlemagne, Liègemai 2013 – Belgia,
5. Universitatea din Miskolc, februarie 2012 – Ungaria,
6. Academia de Științe a Slovaciei, Bratislava, noiembrie 2011 - Slovacia

- **F8. ÎNDEPLINIREA STANDARDELOR ANUALE ALE UPM REFERITOARE LA ACTIVITATEA DE CERCETARE ȘTIINȚIFICĂ (în ultimii 5 ani )**

| Anul | Punctaj realizat | Punctaj pentru șef de lucrări | Punctaj pentru conferențiar |
|------|------------------|-------------------------------|------------------------------|
| 2009 | 112 | 38 | 49 |
| 2010 | 177 | 38 | 49 |
| 2011 | 176 | 38 | 49 |
| 2012 | 39,55 | 11 | 13 |
| 2013 | 165,40 | 53 | 60 |

**Tîrgu Mureș,**                                                                 **Semnătura,**

**28.02.2014**                                                   **șef lucr. dr. ing. Adrian GLIGOR**