

# Curriculum Vitae

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## Studii

- Sept. 1996 – Iun. 2000 studii liceale la Colegiul National "Carol I" (profil matematica-fizica, bilingva engleza), Craiova (Diploma de Bacalaureat - iunie 2000)
- Oct. 2000 – Iun. 2005 studii universitare la Facultatea de Automatica, Calculatoare si Electronica, Universitatea din Craiova (Diploma de Inginer, iunie 2005, profilul: Ingineria Sistemelor si Calculatoarelor, specializarea: Calculatoare (in limba engleza), directia de aprofundare: Software)
  - Diploma de Excelenta acordata de Senatul Universitatii din Craiova pentru rezultate deosebite obtinute in timpul studiilor (media generala 10) si absolvirea ca sefa de promotie
- Oct. 2005 – Iun. 2007 studii postuniversitare la Facultatea de Automatica, Calculatoare si Electronica, Universitatea din Craiova (Diploma de Master, iunie 2007, profilul: Ingineria Sistemelor si Calculatoarelor, specializarea: Inginerie Software)
- Oct. 2005 – prezent studii doctorale in cotutela (Universitatea din Craiova si Université de Technologie de Compiègne, Franta)

## Scoli de vara

- EIAH 2007 – a 5-a Scoala Tematica in domeniul e-learning ("5ème école thématique du CNRS sur les EIAH - Personnalisation des EIAH"), 7-12 iulie 2007, Saint Quentin sur Isère, Franta

## Activitate didactica

- Oct. 2005 – Febr. 2008 – preparator la Universitatea din Craiova, Facultatea de Automatica, Calculatoare si Electronica, catedra de Inginerie Software.
- Mar. 2008 – prezent – asistent la Universitatea din Craiova, Facultatea de Automatica, Calculatoare si Electronica, catedra de Inginerie Software.
  - Proiectarea aplicatiilor Web (2008/2009)
  - Tehnologii multimedia pentru e-learning (2008/2009)
  - Comert Electronic (2006/2007, 2007/2008, 2008/2009)
  - Inteligenta Artificiala (2005/2006, 2006/2007, 2007/2008)
  - Medii de programare vizuala (2007/2008, 2008/2009)
  - Programare orientata pe obiecte (2006/2007)
  - Cunoastere, Comunicare si Internet (2005/2006)

## Publicatii

### *Articole in reviste de specialitate*

- **Elvira Popescu**, Costin Badica, Philippe Trigano, *Learning Objects' Architecture and Indexing in WELSA Adaptive Educational System*, Scalable Computing: Practice and Experience, Vol. 9(1), ISSN 1895-1767, pp. 11-20, 2008. [DOAJ, Collection of Computer Science Bibliographies]
- Costin Badica, Amelia Badica, **Elvira Popescu**, Ajith Abraham, *L-Wrappers: Concepts, Properties and Construction: A Declarative Approach to Data Extraction from Web Sources*, Soft Computing - A Fusion of Foundations, Methodologies and Applications, Vol. 11, No. 8/June, Springer Berlin / Heidelberg, ISSN: 1433-7479, pp. 753-772, 2007. [ISI, DBLP, Inspec]
- **Elvira Popescu**, Amelia Badica, Costin Badica, *Mining Travel Resources on the Web Using L-Wrappers*, Lecture Notes in Artificial Intelligence, Vol. 4029, Springer, ISSN: 0302-9743, pp. 1199-1208, 2006. [DBLP, Inspec, Scopus, SpringerLink]
- Philippe Trigano, **Elvira Popescu**, Ecaterina Giacomini, *Creating and Implementing Project-Based E-Learning Scenarios*, Annals of the University of Craiova, Automation, Computers, Electronics and Mechatronics Series, Vol. 3 (30), No. 2, Universitaria Press, Craiova, Romania, ISSN: 1841-0626, pp. 195-204, 2006.
- Costin Badica, Amelia Badica, **Elvira Popescu**, *Tuples Extraction from HTML Using Logic Wrappers and Inductive Logic Programming*, Advances in Web Intelligence, Lecture Notes in Artificial Intelligence, vol. 3528, Springer-Verlag, ISSN: 0302-9743, pp.44-50, 2005. [ISI, DBLP, Inspec, Scopus, SpringerLink]
- **Elvira Popescu**, *Modelling Units of Learning: A Practical Exploration of IMS Learning Design*, ELSE Software Journal, no. 24/XII, Sitech Press, Craiova, Romania, ISSN: 1221-4469, pp. 24-33, 2005.
- Razvan Tanasie, **Elvira Popescu**, Daniel Nistor, *An approach to formal specification by concrete examples*, ELSE Software Journal, no. 25/XII, Sitech Press, Craiova, Romania, ISSN: 1221-4469, pp. 107-127, 2005.

### *Capitole de carti*

- Costin Badica, Amelia Badica, **Elvira Popescu**, *Using Logic Programming and XML Technologies for Data Extraction from Web Pages*, Dariusz Król and Ngoc Thanh Nguyen (Eds.): Intelligence Integration in Distributed Knowledge Management, Information Science Reference, ISBN: 978-1-59904-576-4, 2008.

### *Lucrari publicate in volumele unor conferinte internationale*

- **Elvira Popescu**, *An Artificial Intelligence Course Used to Investigate Students' Learning Style*, Proceedings ICWL 2008, Lecture Notes in Computer Science, Vol. 5145, pp. 122-131, Springer, ISBN 978-3-540-85032-8, 2008. [DBLP, SpringerLink]
- **Elvira Popescu**, Costin Badica, Philippe Trigano, *Analyzing Learners' Interaction with an Educational Hypermedia System: a Focus on Learning Styles*, Proceedings SAINT2008 (workshop SPeL), pp. 321-324, IEEE Computer Society Press, ISBN: 978-0-7695-3297-4, 2008. [DBLP, IEEE CSDL]
- **Elvira Popescu**, Philippe Trigano, Costin Badica, *Relations between Learning Style and Learner Behavior in an Educational Hypermedia System: An Exploratory Study*, Proceedings ICALT 2008, pp. 725-726, IEEE Computer Society Press, ISBN: 978-0-7695-3167-0, 2008. [Inspec, IEEEExplore]

- **Elvira Popescu**, *Une analyse exploratoire des corrélations entre les traces des apprenants et leurs styles d'apprentissage*, Proceedings RJC-EIAH, Lille, Franta, 15 – 16 mai 2008, pp. 119-124, 2008.
- **Elvira Popescu**, Philippe Trigano, Costin Badica, *Intégrer les styles d'apprentissage dans les EIAHs*, Proceedings CIFA 2008, ISBN: 978-2-915913-24-8, 2008.
- **Elvira Popescu**, Philippe Trigano, Costin Badica, Bogdan Butoi, Marius Duica, *A Course Authoring Tool for WELSA Adaptive Educational System*, Proceedings ICCS 2008, pp. 531-534, ISBN: 978-973-746-897-0, 2008.
- Costin Badica, **Elvira Popescu**, Grzegorz Frackowiak, Maria Ganzha, Marcin Paprzycki, Michal Szymczak, Myon-Woong Park, *On Human Resource Adaptability in an Agent-Based Virtual Organization*, New Challenges in Applied Intelligence Technologies, Studies in Computational Intelligence Series, Vol. 134, pp. 111-120, Springer, ISBN: 978-3-540-79354-0, 2008. [DBLP, Scopus, SpringerLink]
- **Elvira Popescu**, Costin Badica, Philippe Trigano, *Description and Organization of Instructional Resources in an Adaptive Educational System Focused on Learning Styles*, Advances in Intelligent and Distributed Computing, Studies in Computational Intelligence Series, Vol. 78, pp. 177-186, Springer, ISBN: 978-3-540-74929-5, 2008. [SpringerLink]
- Adriana Dobriceanu, Laurentiu Biscu, Costin Badica, **Elvira Popescu**, *Considerations on the Design and Implementation of an Agent-Based Auction Service*, Advances in Intelligent and Distributed Computing, Studies in Computational Intelligence Series, Vol. 78, pp. 75-84, Springer, ISBN: 978-3-540-74929-5, 2008. [SpringerLink]
- **Elvira Popescu**, Philippe Trigano, Mircea Preda, *Data Requirements for Detecting Student Learning Style in an Educational Hypermedia System*, Proceedings of the European Computing Conference - Volume 2, Series: Lecture Notes in Electrical Engineering, Vol. 28, Springer, ISBN: 978-0-387-84818-1, 2009. [SpringerLink]
- **Elvira Popescu**, Philippe Trigano, Costin Badica, *Towards a Unified Learning Style Model in Adaptive Educational Systems*, Proceedings ICALT 2007, pp. 804-808, IEEE Computer Society Press, ISBN: 978-0-7695-2916-5, 2007. [ISI Proc., DBLP, Inspec, Scopus, IEEEExplore, IEEE CSDL]
- **Elvira Popescu**, Philippe Trigano, Costin Badica, *Adaptive Educational Hypermedia Systems: A Focus on Learning Styles*, Proceedings EUROCON 2007, pp. 2473-2478, IEEE Press, ISBN: 1-4244-0813-X, 2007. [Inspec, Compendex, Scopus, IEEEExplore]
- **Elvira Popescu**, Costin Badica, Philippe Trigano, *Rules for Learner Modeling and Adaptation Provisioning in an Educational Hypermedia System*, Proceedings SYNASC 2007 (workshop RuleApps), pp. 492-499, IEEE Computer Society Press, ISBN: 0-7695-3078-8, 2007. [Inspec, Scopus, IEEEExplore, IEEE CSDL]
- M. Ganzha, M. Paprzycki, M. Gawinecki, M. Szymczak, G. Frackowiak, C. Badica, **E. Popescu**, M-W. Park, *Adaptive Information Provisioning in an Agent-Based Virtual Organization – Preliminary Considerations*, Proceedings SYNASC 2007 (workshop ACSys), pp 235-242, IEEE Computer Society Press, ISBN: 0-7695-3078-8, 2007. [Inspec, Scopus, IEEEExplore, IEEE CSDL]
- **Elvira Popescu**, Philippe Trigano, Costin Badica, *Approaches to Adaptivity Provisioning in E-learning Systems*, Proceedings ITHET 2007 (the 8th International Conference on Information Technology based Higher Education and Training), Kumamoto, Japonia, 10-13 iulie 2007, pp. 536-540, 2007.
- Amelia Badica, Costin Badica, **Elvira Popescu**, *Application of Logic Wrappers to Hierarchical Data Extraction from HTML*, EPIA Workshops 2007 (13<sup>th</sup> Portuguese Conference on Artificial Intelligence), Lecture Notes in Computer Science, Vol. 4874, pp. 43-52, Springer, ISBN: 978-3-540-77000-8, 2007. [ISI Proc., DBLP, Compendex, Scopus, SpringerLink]
- Amelia Badica, Costin Badica, **Elvira Popescu**: *Using Logic Wrappers to Extract Hierarchical Data from HTML*, In: K.M. Wegrzyn-Wolska and P.S. Szczepaniak (Eds.):

- Adv. in Intel. Web, Advances in Soft Computing, Vol. 43, pp. 114–119, Springer, ISBN: 978-3-540-72574-9, 2007. [SpringerLink]
- Maria Ganzha, Marcin Paprzycki, **Elvira Popescu**, Costin Badica, Maciej Gawinecki, *Agent-Based Adaptive Learning Provisioning in a Virtual Organization*, Proceedings of the 5th Atlantic Web Intelligence Conference – AWIC'2007, Advances in Soft Computing, Springer, Vol. 43, ISBN: 978-3-540-72574-9, 2007. [SpringerLink]
  - **Elvira Popescu**, Philippe Trigano, Costin Badica, *Evaluation of a Learning Management System for Adaptivity Purposes*, Proceedings ICCGI 2007, IEEE Computer Society Press, ISBN: 0-7695-2798-1, pp 9.1-9.6, 2007. [IEEE CSDL]
  - Elena Doicaru, Ileana Nicolae, **Elvira Popescu**, *E-SSAF – A Powerful E-Learning Tool for State-Space OA-RC and Gm-C Continuous Time Filter Synthesis*, New Horizons in Education and Educational Technology. Proceedings of 6th WSEAS International Conference on Education and Educational Technology, ISBN: 978-960-6766-16-9, pp. 1-6, 2007. [ISI Proc., INSPEC]
  - **Elvira Popescu**, Philippe Trigano, Costin Badica, *eDalgo: Designing Personalized Courseware for Teaching Introductory Programming*, D. Popescu, O. Bonnaud, M. Hoffmann, J.-M. Thiriet (Eds.): Proceedings EAEEIE 17, Universitaria Press, Craiova, ISBN: 978-973-742-350-4, pp.290-295, 2006.
  - Amelia Badica, Costin Badica, **Elvira Popescu**, *Implementing Logic Wrappers Using XSLT Stylesheets*, P.Dini, C. Poporviciu, C. Dini, G. Van de Velde, E. Borcoci (Eds.): Proceedings ICCGI 2006, IEEE Computer Society Press, ISBN: 0-7695-2629-2, 2006. [Inspecc, Scopus, IEEE CSDL]
  - Costin Badica, Amelia Badica, **Elvira Popescu**, *A New Path Generalization Algorithm for HTML Wrapper Induction*, Proceedings AWIC'06, Studies in Computational Intelligence Series, vol. 23, Springer Berlin / Heidelberg, ISBN: 978-3-540-33879-6, pp. 11-20, 2006. [DBLP, Scopus, SpringerLink]
  - Ecaterina Giacomini Pacurar, Philippe Trigano, **Elvira Popescu**, Paul Crubillé, *Creating Online Courses Models Conforming to IMS Learning Design*, Khaldoun Zreik, Mohammed Ramdani, Mohamed El Adnani, Mostafa Bellafkih (eds) : “Human System Learning. Who is in control ? (Proceedings ICHSL.5/CAPS.5)”, Europa - Publishers, Paris, Franta, ISBN: 2-909285-33-2, pp. 347-360, 2005.
  - Philippe Trigano, Ecaterina Giacomini, **Elvira Popescu**, *An Approach to Designing Predefined Models of Pedagogical Scenarios for E-learning*, Lungu M., Badica C. (eds): Proceedings SINTES 12, Universitaria Press, Craiova, Romania, ISBN: 973-742-148-5, pp 668-673, 2005.
  - Costin Badica, **Elvira Popescu**, Amelia Badica, *Learning Logic Wrappers for Information Extraction from the Web*, Papazoglou M., Yamazaki, K. (eds.) Proceedings SAINT'2005 (Workshop on Computer Intelligence for Exabyte Scale Data Explosion), IEEE Computer Society Press, ISBN: 0-7695-2263-7, pp.336-339, 2005. [ISI Proc., DBLP, Inspecc, IEEEExplore, IEEE CSDL]

#### *Alte lucrari si rapoarte de cercetare*

- **Elvira Popescu**, *Adaptive Educational Hypermedia Systems: Student Modelling with Respect to Learning Styles*, poster prezentat la EIAH 2007 (Scoala tematica in domeniul e-learning), 7-12 iulie 2007, Saint Quentin sur Isère, Franta
- Costin Badica, Amelia Badica, **Elvira Popescu**, *Using Logic Programming and XML Technologies for Data Extraction from Web Pages*, prezentat la seminarul de cercetare al echipei DoC, Laboratorul HEUDIASYC, Universitatea Tehnologica din Compiègne, Franta, 20 nov. 2007.
- **Elvira Popescu**, *User modeling: methods and techniques specific for e-learning*, Raport intern de cercetare, Universitatea din Craiova, 29 iun. 2007.

- **Elvira Popescu**, *Adaptive technologies in intelligent web-based educational systems*, Raport intern de cercetare, Universitatea din Craiova, 6 nov. 2007.
- A. Benmimoun, A. Ferret, P. Josse, **E. Popescu**, *Rapport Comparatif: Moodle, Dokeos, Claroline, NetUniversité et Scenari*, Raport tehnic, Universitatea Tehnologica din Compiègne, Franta, mai 2006.
- **Elvira Popescu**, *Sisteme hipermedia dinamice adaptive pentru e-learning*, prezentat la seminarul catedrei de Inginerie Software, Universitatea din Craiova, 12 dec. 2006.
- **Elvira Popescu**, *Adaptive educational hypermedia systems for e-learning*, Raport intern de cercetare, Universitatea din Craiova, 31 oct. 2006.

## **Proiecte de cercetare-dezvoltare pe baza de contract/grant**

### ***Director de proiect***

- *Studiul, proiectarea si implementarea unui sistem web adaptiv inteligent pentru e-learning*, grant CNCSIS TD 167/2007, durata: 2 ani (2007 – 2008), valoarea: 61 000 RON.

### ***Membru specialist in echipa de cercetare***

- *eDalgo - eDidactique de l'Algorithmique. Support interactif de cours pour l'apprentissage autonome de l'algorithmique et de la programmation*, Proiect de cooperare stiintifica interuniversitara (Universitatea din Craiova, Universitatea Tehnologica din Compiègne, Franta, Institutul National de Informatica, Algeria, Institutul de Inalte Studii Comerciale, Tunisia), ref. 6316PS635, responsabil proiect: prof. dr. ing Costin Badica, durata: 2 ani (2006-2007), valoarea: 20 000 €, finantat de AUF (l'Agence Universitaire de la Francophonie)
- *HIPERPROC: Tehnici hipermedia pentru reprezentarea bazata pe cunostinte a proceselor organizationale*, grant CNCSIS tip A nr. 94/2005, director grant: prof. dr. ing. Costin Badica, durata: 3 ani (2005-2007), valoarea: 640 000 000 ROL.
- *Sisteme de recomandare Web adaptive care utilizeaza cunostinte reprezentate prin programe logice*, grant CNCSIS AT 102/2007, director grant: lector dr. Mircea Preda, valoarea: 20 000 RON.
- *Stabilitate si oscilatii in dinamica sistemelor om-masina*, grant IDEI 95/01.10.2007, director grant: Prof. Vladimir Rasvan, durata: 3 ani (2007 – 2010), valoarea: 821 276 RON.
- *Sistem de analiza si calcul a semnalelor din retele electrice poluate si comanda a filtrelor active pentru compensarea armonicilor - SACSCFA*, Contract de Excelenta CEEX 4049/2006, program Cercetare de excelenta, modulul I, contractor ICMET Craiova, valoare (pentru Universitatea din Craiova): 244.400 RON, durata 3 ani: 2006–2008. Director proiect: Ing. Ana Iacob.
- *Dezvoltarea de instrumente software pentru proiectarea microcircuitelor analogice*, grant CNCSIS A, cod 602, director grant: Conf. Milena Doicaru, durata: 2007 – 2008, valoarea: 169 288 RON.
- *Prevenirea cuplajelor pilot-elicopter (om-masina) în manevre critice la bordul navelor si platformelor marine - ELICOMNAV*, Contract de Excelenta CEEX, modulul I, nr. 449/06.11.2006, contractor SC STRAERO S.A. Bucuresti, subcontract Universitatea din Craiova nr. 259/26.07.2006, valoare (pentru Universitatea din Craiova): 60.000 RON, durata 3 ani: 2006–2008. Responsabil proiect (Universitatea din Craiova): prof. dr. ing. Dan Popescu.
- *Dinamici nestandard in sistemele cu intarziere – Studii si experimente simulate*, grant CNCSIS tip A (nr. 33062/24.06.2004, tema 10, nr. 34677/2005, tema 25 cod CNCSIS 318,

director grant: prof. dr. ing. Dan Popescu, durata: 2 ani (2004-2005), valoarea: 440 000 000 ROL.

- *Instalatie de filtrare-compensare armonici pentru statiile de foraj petrolier*, contract nr. 2122/11.10.2004, contractor ICMET, partener Universitatea din Craiova (responsabil stiintific: prof. dr. ing. Dan Popescu), perioada: 2004-2006, valoarea: 200 000 000 ROL, finantat de MEdC-RELANSIN.

## **Burse**

- Bursa de cercetare stiintifica pentru tineri doctoranzi tip BD, finantata de CNCSIS (2006 – 2008)
- Bursa de cercetare la Laboratorul HEUDIASYC, Universitatea de Tehnologie din Compiègne, Franta, finantata de AUF (Agence Universitaire de la Francophonie) in cadrul proiectului *eDalgo* (martie – mai 2007)
- Bursa de cercetare la Laboratorul HEUDIASYC, Universitatea de Tehnologie din Compiègne, Franta, finantata de MEdC prin ONBSS (martie – mai 2006)
- Bursa Erasmus/Socrates la Laboratorul HEUDIASYC, Universitatea de Tehnologie din Compiègne, Franta (martie – mai 2005)
- Bursa de performanta pentru rezultate deosebite in timpul studiilor de master, acordata de Universitatea din Craiova (2005/2006, 2006/2007)
- Bursa de performanta pentru rezultate deosebite in timpul studiilor universitare, acordata de Universitatea din Craiova (2002/2003, 2003/2004, 2004/2005)

## **Premii si distinctii**

- Premiul pentru cel mai bun poster („Best Poster Award”) la conferinta internationala IEEE Eurocon 2007 (Varsovia, Polonia, 9-12 sept. 2007)
- Diploma de Onoare conferita de Senatul Universitatii pentru activitatea didactica si stiintifica desfasurata in cadrul Universitatii din Craiova (cu ocazia aniversarii a 60 de ani de invatamant superior la Craiova – oct. 2007)

## **Apartenenta la societati stiintifice sau profesionale**

- IEEE (Computer Society, Education Society, Women in Engineering Society) – membru din anul 2006
- Societatea Romana de Automatica si Informatica Tehnica (SRAIT) – membru din anul 2005
- ACM – membru din anul 2008
- EAEEIE (European Association for Education in Electrical and Information Engineering) – membru din anul 2008

## **Alte activitati / realizari**

- Organizator workshop SPeL 2008 (SAINT 2008 International Workshop on Social and Personal Computing for Web-Supported Learning Communities), Turku, Finlanda, 28 iul. – 1 aug. 2008.
- Membru in comitete stiintifice si comitete de program internationale ale unor conferinte: International Workshop on Adaptivity and Personalization in Ubiquitous Learning Systems

(APULS 2008) at the 4th Symposium: USAB 2008, Graz, Austria, 18-21 nov. 2008; International Workshop on Cognitive Aspects in Intelligent and Adaptive Web-based Educational Systems (CIAWES 2008) at the 16th International Conference on Computers in Education, Taipei, Taiwan, 27 – 31 oct. 2008; 7<sup>th</sup> WSEAS Intl. Conference on Education and Educational Technology (EDU '08), Venetia, Italia, 21-23 nov. 2008; IADIS e-Society 2009, Barcelona, Spania, 26-28 febr. 2009.

- Session Chair la urmatoarele conferinte internationale: ICALT 2007 (7<sup>th</sup> IEEE International Conference on Advanced Learning Technologies), Niigata, Japonia, 18-20 iul. 2007; International Carpathian Control Conference (ICCC'2008), Sinaia, Romania, 25-28 mai 2008; SPeL 2008 Workshop, Turku, Finlanda, 28 iul. - 1 aug. 2008; 7th International Conference on Web-based Learning (ICWL 2008), Jinhua, China, 20-22 aug. 2008.
- Coeditor al volumului 3 (30), nr. 2 din Analele Universitatii din Craiova, seria Automatica, Calculatoare, Electronica si Mecatronica, editura Universitara, ISSN: 1841-0626, 2006.
- Recenzor la revista IJSEKE (International Journal of Software Engineering and Knowledge Engineering) si la urmatoarele conferinte internationale: ICIC 2007, 2008 (International Conference on Intelligent Computing), IEEE Africon 2007, WSEAS International Conference on Artificial Intelligence, Knowledge Engineering and Databases (AIKED '08), FIE 2008 (The 38th Annual Frontiers in Education Conference), Knowledge Generation, Communication and Management (KGCM 2008), American Computing Conference 2008 (ACC '08)
- Membru in comitetul international de organizare al conferintei internationale ICC'2008 (International Carpathian Control Conference), 25-28 mai 2008, Sinaia, Romania.
- Membru in comitetul local de organizare al conferintei internationale IDC 2007 (International Symposium on Intelligent and Distributed Computing), 18-19 oct. 2007, Craiova, Romania.