Curriculum vitae Europass

Informaţii personale

Nume/Prenume	**Cosmin STOICA SPAHIU**
Adresa	Craiova, Romania
Telefon	
E-mail	cosmin.spahiu@edu.ucv.ro
Data naşterii	11.03.1980
Sex	masculin

Locul de muncă vizat

Sef Lucrari

Experienţa profesională

Perioada	*2012 - **prezent***
Funcţia sau postul ocupat	Sef Lucrari
Principalele activităţi şi responsabilităţi	Predare cursuri, activitate practica cu studentii
Numele şi adresa angajatorului	Universitatea din Craiova/ Facultatea de Automatica, Calculatoare si Electronica

Perioada	*2007 – 2012*
Funcţia sau postul ocupat	Asistent universitar
Principalele activităţi şi responsabilităţi	Predare cursuri, activitate practica cu studentii
Numele şi adresa angajatorului	Universitatea din Craiova/ Facultatea de Automatica, Calculatoare si Electronica

Perioada	2004 – 2007
Funcţia sau postul ocupat	Preparator universitar
Principalele activităţi şi responsabilităţi	Predare cursuri, activitate practica cu studentii
Numele şi adresa angajatorului	Universitatea din Craiova/ Facultatea de Automatica, Calculatoare si Electronica

Certificari

Educaţie şi formare

ISTQB Certified tester
ISTQB Advanced Test Manager

Perioada	*2005-2010*
Calificarea / diploma obţinută	Doctor
Titlu teza	Experimente in Baze de date multimedia. Implementarea unui Sistem de gestiune a bazelor de date multimedia
Numele şi tipul instituţiei de învăţământ / furnizorului de formare	Universitatea din Craiova, Scoala Doctorala
Coordonator	Acad.Prof.Ph.D.Eng. MirceaPetrescu

Perioada	*2004-2006*
Calificarea / diploma obţinută	Master
Domenii principale studiate / competente dobândite	Inginerie Software
Numele şi tipul instituţiei de învăţământ / furnizorului de formare	Universitatea din Craiova/ Facultatea de Automatica, Calculatoare si Electronica
Titlu teza	E-Commerce Supermarket System *(Eureka SUM E! Project no. 2754/2003/RO)*
Coordonator	Prof. Dr. Ing. Costin Badica

Perioada	*1999 - 2004*
Calificarea / diploma obţinută	Inginer
Domenii principale studiate / competente dobândite	Inginerie Software, Calculatoare
Numele şi tipul instituţiei de învăţământ / furnizorului de formare	Universitatea din Craiova/ Facultatea de Automatica, Calculatoare si Electronica
Titlu teza	„Generarea traseelor auto”
Coordonator	Prof. Dr. Ing. Dumitru Dan Burdescu

Aptitudini şi competente personale

Limba maternă **romana**

Limbi străine cunoscute

Autoevaluare	Comprehensiune		Vorbit		Scris
Nivel european (*)	Abilităţi de ascultare	Abilităţi de citire	Interacţiune	Exprimare	
Engleza**	B2	C2	C2	C2	B2
Franceza	A1	A2	A1	A2	A2

(*) Cadrului european de referinţă pentru limbi
(**) B2 - English Language Competence Certificate, No.926/1.02.2011

Programe de instruire

2008 - Institute National Polytechnique de Toulouse - France (2 weeks - ERASMUS)

2011- Universite Paul Sabatier, Toulouse - France (1 week - ERASMUS)

2014 - Buskerud and Vestfold University College - Norway (1 week - ERASMUS)

Asociatii profesionale

SRAIT (Romanian Society of Automation and Technical Informaticsmembru din 2005

Competenţe organizatorice

2005 - 2011 : Coordonator ERASMUS – Departament Inginerie Software
2011 - prezent: Coordonator ERASMUS – Departamentul de Calculatoare si Tehnologia Informatiei

Permis de conducere

Cat. B

Anexe

Anexa1 – activitate cercetare

Anexa 1 ~ Activitate Cercetare

Organizare conferinte

"International Symposium on Intelligent and Distributed Computing - IDC'2007" - Organized by the Software Engineering Department from the Faculty of Automation, Computers and Electronics

http://software.ucv.ro/~badica_costin/idc2007/

"17th International Conference on System Theory, Control and Computing - Joint Conference SINTES 17, SACCS 13, SIMSIS 17, 11 - 13 October 2013, Sinaia, Romania

http://ace.ucv.ro/icstcc2013/

Membru in comitete de program

- *26th International Carpathian Control Conference ICCC'2025, 19-21 May, 2025, Starý Smokovec, Slovacia*
- *20th Conference on Computer Science and Intelligence Systems FedCSIS (IEEE#66292), 14-17 September 2025, Krakow, Poland*
- *The Third International Conferences on Advances in Multimedia MMEDIA 2011, April 17-22, 2011 - Budapest, Hungary*
- *6'th International conference on Software and Data Technologies, ICSOFT 2011, July 18-21, Seville, Spain*
- *The Sixth International Multi-Conference on Computing in the Global Information Technology ICCGI 2011, June 19-24, 2011 - Luxembourg*
- *1'st International Conference on Cloud Computing and Services Science, CLOSER 2011, 7-9 May 2011 - Noordwijkerhout, Netherlands*
- *1'st International Symposium on Business Modeling and Software Design, BMSD 2011, 27-28 July, 2011 - Sofia, Bulgaria,*
- *The Second International Conferences on Advances in Multimedia MMEDIA 2010, June 13-19, 2010 - Athens, Greece*
- *The Fifth International Multi-Conference on Computing in the Global Information Technology, ICCGI 2010, Valencia, Spain*
- *5'th International conference on Software and Data Technologies, ICSOFT 2010, July 22-24, Athens, Greece*

Comitetul Editorial

International Journal on Advances in Software (2012), IARIA, http://www.iariajournals.org

International Journal on Advances in Telecommunications (2012), IARIA

Expert evaluator

Inter-regional cooperation for valorization of research results, proj.code: SEE/A/426/1.1./X, (INTERVALUE platform) 2009-2012, coordinator: Aristotle University of Thessaloniki (URENIO Research Unit), Greece, http://researchvalue.net/valorisation/experts/

Proiecte de cercetare *(membru in echipa de cercetare):*

Programul/Proiectul	**Funcţia**	**Perioada:**de la... până la...
E-Commerce Supermarket System – Proiect EUREKA SUM E! nr.2754 Beneficiar: Ministrul Cercetării și Educației); Parteneri: IPA (România), Universitatea din Craiova (România), ARIES (România), MRA Consulting (Marea Britanie), The Textile Institute (Marea Britanie), Huddersfield Textile Training (Marea Britanie)	Cercetător	2003-2007
Cercetari privind dezvoltarea si integrarea sistemelor de imagistica medicala si baze de date distribuite nr. 316/2004 (CNCSIS 2004-2005)	Cercetător	2004-2005
Algoritmi pentru prelucrarea si interogarea bazelor de date multimedia cu imagini medicale	Cercetător	2006-2008
Noi algoritmi pentru regăsirea informatiei in baze de date multimedia (Academia Română) - Manager de proiect: Prof. univ. dr. Dumitru Dan Burdescu	Cercetător	2005
Sistem informatic on-line pentru regăsirea bazelor de date multimedia rezultat prin extragerea informațiilor din fișierele standard DICOM, nr. 18/2007 (CNCSIS 2006) - Director de proiect: Conf. univ. dr. Liana Stănescu	Cercetător	2006
PARTENERIATE ÎN DOMENII PRIORITARE – Sistem informatic pentru interogarea bazelor de date imagistice medicale (Nr. D11 045/14.09.2007) – Manager de proiect: Prof. univ. dr. ing. Dumitru Dan Burdescu	Cercetător	2007
Noi metode bazate pe rețele Petri orientate pe obiecte și tehnici de procesare semantică a imaginilor, utilizate pentru monitorizarea sistemelor flexibile de producție inteligentă (Ideas Exploring Research, nr. 535/2008) - Manager de proiect: Prof. univ. dr. Marius Brezovan	Cercetător	2008

Published papers in Journals

1. L.Stanescu, M.Brezovan, *C.Stoica Spahiu* (2019), MONGODB VS. SQL SERVER IN MEDICAL APPLICATIONS, Technomathematics International Journal of Computer Science and Applications , Vol. 16, No. 1, pp. 38 – 54, publisher Research Foundation, India, ISSN 0972-9038 (Scopus, Elsevier, DOAJ, DBLP) http://www.tmrfindia.org/ijcsa/v16i13.pdf
2. L.Stanescu, M.Brezovan, *C.Stoica Spahiu*, D.D.Burdescu (2018). A FRAMEWORK FOR MAPPING THE MYSQL DATABASES TO MONGODB – ALGORITHM, IMPLEMENTATION AND EXPERIMENTS, International Journal of Computer Science and Applications, Vol.15, No. 1, pp. 65 – 82, 2018 (Scopus, Elsevier, DOAJ, DBLP) http://www.tmrfindia.org/ijcsa/v15i15.pdf
3. D.D. Burdescu, M. Brezovan, L. Stanescu, C. Stoica Spahiu. "A Spatial Segmentation Method", IJCSA, vol. 11, no.1, pp.75-100, 2014, url: http://www.tmrfindia.org/ijcsa/v11i15.pdf
4. *Cosmin Stoica Spahiu* (2012): "Multiple users concurrency performance for an original multimedia database system". In: International Journal of Computer Science and Applications (IJCSA), Vol. 9 No. 3, pp. 154 - 164
5. *Cosmin Stoica Spahiu* (2011): "Testing The Performances Of A Multimedia Database System". In: International Journal of Computer Science & Applications (IJCSA). - (Scopus, INSPEC, DBLP, WorldCat, BULB Link, Google Scholar, DOAJ)
6. *Cosmin Stoica Spahiu (2010):* "A multimedia database server: implementation and methods". In: International **Journal** of Computer Science & Applications (IJCSA), Vol. 7 No. 3, pp. 140 - 155, ISSN: 0972-9038. (Scopus, INSPEC, DBLP, WorldCat, BULB Link, Google Scholar, DOAJ)
7. *Cosmin Stoica Spahiu*, Cristian Marian Mihaescu, Liana Stanescu, Dan Burdescu, Marius Brezovan (2010): "Functionality of a Database Kernel for Image Retrieval". In: International **Journal** On Advances in Networks and Services, Vol. 3, No1&2, pp. 256-265, ISSN: 1942-2644 .
8. Liana Stanescu, Gabriel Mihai, Dumitru Burdescu, Marius Brezovan, *Cosmin Stoica Spahiu* (2010): "Novel graphical interfaces for viewing and querying automatically generated Topic Maps in the e-learning domain". In: Informatica Vol. 34(4), ISSN: 0350-5596 (ZENTRALBLATT MATH)

Published papers in Conferences Proceedings

1. C. Stoica Spahiu, L. Stanescu, D. Stoica Spahiu, “Transformation of the Software testing-from manual efforts to AI driven efficiency”, 26th International Carpathian Control Conference (ICCC), 2025, pp.1-5 , DOI 10.1109/ICCC65605.2025.11022921 , ISBN:979-8-3315-0127-3 , (IEEExplore)
2. F. Petcusin, C. Stoica Spahiu, L. Stanescu, “A machine learning approach for automatic testing”, Annals of Computer Science and Information Systems ACSIS, Vol. 37, 2023, pp. 209-214. doi 10.15439/2023F4426, ISBN: 978-83-967447-8-4 , ISSN 2300-5963
3. C. Stoica Spahiu, L. Stanescu, R. Marinescu and M. Brezovan, "Machine Learning System For Automated Testing," *23rd International Carpathian Control Conference (ICCC)*, 2022, pp. 142-146, doi: 10.1109/ICCC54292.2022.9805972. (IEEExplore)
4. C.Stoica Spahiu, M.Abagiu, L.Stanescu, “Automatic beams detection used for LiFi car-2-car communication”, Proceedings of the 2020 Federated Conference on Computer Science and Information Systems, FedCSIS 2020, Vol.21, pp431-434, doi 10.15439/2020F72, ISSN 2300-5963 (IEEExplore, Copernicus, DBLP, Web of Science, ISI proceedings) https://annals-csis.org/Volume_21/drp/pdf/72.pdf
5. C.Stoica Spahiu, L.Stanescu, M.Brezovan, F. Petcusin, “LiFi Technology Feasibility Study for Car-2-Car Communication”, 2020 21th International Carpathian Control Conference (ICCC), pp. 1-5, doi: 10.1109/ICCC49264.2020.9257263, ISBN: 978-1-7281-1952-6 https://ieeexplore.ieee.org/document/9257263
6. C. Stoica, L. Stanescu, M.Brezovan, “IMPROVING DRIVER WARNINGS ACCURACY USING LOW-COST SENSORS”, in: 19th International Carpathian Control Conference (ICCC),2018,pp.377-382,ISBN:978-1-5386-4761-5,DOI:10.1109/CarpathianCC.2018.8399659 (IEEExplore) *https://ieeexplore.ieee.org/document/8399659*
7. D.D. Burdescu, L. Stanescu, M. Brezovan, C.Stoica Spahiu, F. Slabu. “Algorithms for image processing in graph-based volumetric segmentation”, in: Information, Intelligence, Systems & Applications (IISA), 2016, ISBN: 978-1-5090-3429-1, DOI: 10.1109/IISA.2016.7785398 (IEEE)
8. D.D. Burdescu, L. Stanescu, M. Brezovan, C.Stoica Spahiu, D.C. Ebanca, “Complexity Analysis for Initial Graph in Volumetric Segmentation Method”, in: International Conference on Scientific Computing, pp.47-52, 2016, ISBN: 1-60132-430-8 (EBSCO, ACM Digital Library)
9. D.D. Burdescu, L. Stanescu, M. Brezovan, C.Stoica Spahiu, F. Slabu. “An Efficient and Adaptive Threshold of Volumetric Segmentation”, in: Information Systems and Technologies. Advances in Intelligent Systems and Computing, vol 353. Springer, pp 925-935, ISBN: 978-3-319-16485-4, DOI 10.1007/978-3-319-16486-1_92 (DBLP, EI Compendex, INSPEC)
10. D.D. Burdescu, L. Stanescu, M. Brezovan, C. Stoica Spahiu. „New Efficient Graph-based Volumetric Segmentation", in: International Conference on Computer, Control, Informatics and Its Applications (IC3INA), vol. no. pp.75-80, 2014, ISBN: 978-1-4799-4576-4 (IEEE Xplore)

11. D.D. Burdescu, L. Stanescu, M. Brezovan, C. Stoica Spahiu. Computational Complexity Analysis of the Graph Extraction Algorithm for Volumetric Segmentation Method, SIGMAP 2014, pp.137-148 (DBLP)

12. D. Burdescu, L. Stanescu, M. Brezovan, *C. Stoica Spahiu.* „Syntactic-based region algorithm for volumetric segmentation". In International Conference on Advances in Computing, Communications and Informatics (ICACCI, 2014) , pp.928 - 936, ISBN 978-1-4799-3078-4, DOI 10.1109/ICACCI.2014.6968454

13. D. Burdescu, L. Stanescu, M. Brezovan, *C. Stoica Spahiu*, „Computational Complexity Analysis of the Graph Extraction Algorithm for 3D Segmentation," IEEE World Congress on Services (SERVICES), pp.462-469, 2014, DOI: 10.1109/SERVICES.2014.89, ISBN: 978-1-4799-5068-3 (IEEE, IEEExplore) URL: http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=6903308&isnumber=6903223

14. D. Burdescu, M. Brezovan, L. Stanescu, *C. Stoica Spahiu*, "New computational complexity analysis for a spatial segmentation algorithm," Science and Information Conference (SAI), 2014 , pp.355-363, doi: 10.1109/SAI.2014.6918211, ISBN: 978-0-9893-1933-1 (IEEE, IEEExplore, ISI proceedings) URL: http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=6918211&isnumber=6918164

15. D. Burdescu, M. Brezovan, L. Stanescu, *C. Stoica Spahiu*, "Efficient volumetric segmentation method," Federated Conference on Computer Science and Information Systems (FedCSIS), 2014, pp.659-668, doi: 10.15439/2014F174 (DBLP,) URL: http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=6933077&isnumber=6932982

7. Cosmin Stoica Spahiu, Liana Stanescu, Marius Brezovan (2013): Fast Information Retrieval using Indexing TechniquesAuthors. In: BookFrontiers in Artificial Intelligence and Applications, Vol. 254: Intelligent Interactive Multimedia Systems and Services, pp.89 - 98, DOI10.3233/978-1-61499-262-2-89

8. Gabriel Mihai, Liana Stanescu, Dumitru Dan Burdescu and *Cosmin Stoica Spahiu (2011):"* Automated Image Annotation System Based on an Open Source Object Database". In: Intelligent Data Engineering And Automated Learning - IDEAL 2011, Lecture Notes in Computer Science, 2011, Volume 6936/2011, pp. 307-316, DOI: 10.1007/978-3-642-23878-9_37 (DBLP)

9. Cristian Gabriel Mihai, Liana Stanescu, Dumitru Dan Burdescu, Marius Brezovan, *Cosmin Stoica Spahiu* and Eugen Ganea (2011): „Annotation System for Medical Domain". In: Soft Computing Models In Industrial And Environmental Applications, 6th International Conference SOCO 2011. Advances in Intelligent and Soft Computing, 2011, Vol. 87/2011, pp. 579-587, DOI: 10.1007/978-3-642-19644-7_61 (DBLP)

10. Cristian Gabriel Mihai, Alina Doringa, Liana Stanescu, Dumitru Dan Burdescu, *Cosmin Stoica Spahiu* (2011): „Content-based Image Retrieval System for Medical Domain Using Spatial Color and Texture Histograms. In: Third International Conference on Advances in Multimedia (MMEDIA 2011), Budapest-Hungary, pp. 68-73, *ISBN 978-1-61208-129-8*

11. *Cosmin Stoica Spahiu (2010):* "A Multimedia Database Server Functionality". In: Second International Conference on Advances in Multimedia (MMEDIA 2010), Athens – Greece, pp.148-154. (IEEE Xplore)

12. *Cosmin Stoica Spahiu*, Liana Stănescu, Dumitru Dan Burdescu (2010): "A Multimedia Database Server and Client Implementation for Image Collections Management". In: Proceedings of IV-th International Workshop on Enterprise Systems and Technology, pp.141-148, Athens - Greece, ISBN: 978-989-8425-44-7

13. Rozemary Scarlat, Liana Stanescu, Dumitru Burdescu, *Cosmin Stoica Spahiu* (2010): "E-Assessment System in a Medical Hybrid Learning Environment", In: Proceedings of the 2010 International Conference on e-Learning, e-Business, Enterprise Information Systems, and e-Government, Las Vegas - USA, pp.9-15, ISBN: 1-60132-139-2 (Inspec, IET, DBLP).
14. Cosmin Stoica Spahiu (2010): "Analyzes of the processing performances of a Multimedia Database". In: Proceedings of 3nd International Symposium on Multimedia - Applications and Processing (MMAP'10), Wisla - Poland, pp. 749-753, ISBN 978-83-60810-22-4, (IEEE Xplore).
15. Marius Brezovan, Dumitru Dan Burdescu, Eugen Ganea, Liana Stanescu, *Cosmin Stoica Spahiu* (2010): „An adaptive method for efficiend detection of Salient Visual Object from color Images". In: 20'th International Conference on Pattern Recognition (ICPR2010), pp.2346-2349, ISBN: 978-0-7695-4109-9, Istanbul - Turkey (IEEE Xplore).
16. Eugen Ganea, Dumitru Dan Burdescu, Marius Brezovan, Liana Stanescu, *Cosmin Stoica* (2010): „A System for Image Processing to Automatic Annotation". In: Fifth International Multi-Conference on Computing in the Global Information Technology (ICCGI 2010), pp.87-92, ISBN: 978-1-4244-8068-5, Valencia - Spain (IEEE Xplore, CSDL).
17. Cosmin Stoica Spahiu (2010): „Questions generation management system for e-learning". In: 14th International Conference on System Theory and Control (SINTES 2010). Sinaia - Romania, pp. 546-549, ISSN 2068-0465
18. *Cosmin Stoica Spahiu (*2009): "A Multimedia Database Server for information storage and querying". In: Proceedings of 2nd International Symposium on Multimedia - Applications and Processing (MMAP'09), Vol. 4, pg. 517 - 522. 978-83-60810-22-4.Mrągowo – Poland (IEEE Xplore)
19. *Cosmin Stoica Spahiu*, Liana Stanescu, Dumitru Dan Burdescu, Marius Brezovan (2009): "File Storage for a Multimedia Database Server for Image Retrieval". In: Proceedings of The Fourth International Multi-Conference on Computing in the Global Information Technology (ICCGI 2009), Cannes/ La Bocca - France, France (Best Paper Award), pp.35-40, ISBN:978-0-7695-3751-1 IEEE Computer Society
20. *Cosmin Stoica Spahiu*, Cristian Mihaescu, Liana Stanescu, Dan Burdescu, Marius Brezovan (2009): "Database Kernel for Image Retrieval". In: Proceedings of The First International Conference on Advances in Multimedia (MMEDIA 2009), Colmar - France, 2009 (Best paper award) IEEE Computer Society, ISBN: 978-0-7695-3693-4, pp. 169-173
21. *Cosmin Stoica Spahiu*, Liana Stanescu, Dan Burdescu, Marius Brezovan (2009): "Visual Interface for Content-based Query in Image Databases". In: Proceedings of Intelligent Interactive Multimedia Systems and Services (KES 2009). Springer, Vol.226, Mogliano Veneto - Italy, ISBN:978-3-642-02936-3, pp.231-240. (SpringerLink)
22. Liana Stănescu, Dumitru Dan Burdescu, Gabriel Mihai, Marius Brezovan, *Cosmin Stoica Spahiu* (2009)*: "*Multimedia Elements for Medical e-Learning Improvement". In: Proceedings of Intelligent Interactive Multimedia Systems and Services (KES 2009). Springer, Vol.226, Mogliano Veneto - Italy, ISBN:978-3-642-02936-3, pp.421-430 (SpringerLink)
23. Liana Stanescu, Dumitru Burdescu, Gabriel Mihai, Marius Brezovan, *Cosmin Stoica Spahiu* (2009): "A Graphical Interface for Medical E-Learning". In: Proceedings of the 2009 International Conference on e-Learning, e-Business, Enterprise Information Systems, and e-Government, Las Vegas - USA, ISBN: 1-60132-100-7, pp.37-42 (DBLP)

24. Liana Stanescu, Dumitru Dan Burdescu, Marius Brezovan, *Cosmin Stoica Spahiu* and Anca Ion (2009): "A New Software Tool for Managing and Querying the Personal Medical Digital Imagery". In: Proceedings of the International Conference on Health Informatics, Porto - Portugal, pg. 199-204 (DBLP)
25. *Cosmin Stoica Spahiu*, Liana Stanescu, Dumitru Dan Burdescu, Marius Brezovan (2009): "Multimedia Database Server Implementing Content Based Retrieval". In: Proceedings of Third International Workshop on Enterprise Systems and Technology, Sofia - Bulgaria
26. Gabriel Mihai, Liana Stanescu, Dumitru Dan Burdescu, Marius Brezovan, *Cosmin Stoica Spahiu,* (2009) A Topic Map for "subject-centric" Learning. In: Proceedings of the 3rd International Symposium on Intelligent Distributed Computing - IDC 2009, Ayia Napa, Cyprus, Studies in Computational Intelligence, Vol. 237, Springer, ISBN: 978-3-642-03213-4, pp.141-150 (DBLP, SpringerLink)
27. Mihai Gabriel, Liana Stanescu, Burdescu Dan Dumitru, Marius Brezovan, Euqen Ganea, and *Cosmin Stoica Spahiu* (2009): "A Modern Tool for Viewing the Learning Resources". In: Proceedings of ICHL, Macau- China, pp.331-341, ISBN: 3-642-03696-1, DOI: 10.1007/978-3-642-03697-2_31
28. Liana Stanescu, Dan Burdescu, Gabriel Mihai, Anca Ion, *Cosmin Stoica* (2008): "Topic Map for Medical E-Learning", Proceedings of the 2nd International Symposium on Intelligent Distributed Computing (IDC 2008). Springer. Catania - Italy. Springer-Verlag 2008, Vol. 162/2008, pg. 305-310. ISBN: 978-3-540-85256-8 (DBLP, SpringerLink)
29. Liana Stanescu, Dumitru Burdescu, Mihai Gabriel, *Cosmin Stoica*, Anca Ion (2008): "Access modalities to an imagistic library for medical e-learning", Proceedings of European Conference on Research and Advanced Technology for Digital Libraries (ECDL 2008). Aarhus - Denmark. Lecture Notes in Computer Science 5173 Springer-Verlag 2008, pg. 260-263. ISBN 978-3-540-87598-7 (ISI Proceedings, DBLP, SpringerLink)
30. Liana Stanescu, Dumitru Dan Burdescu, Anca Ion, and *Cosmin Stoica* (2008): "Using Multimedia to Improve Medical E-learning" Proceedings of International Conference on e-Learning, e-Business, Enterprise Information Systems and e-Gouvernment (EEE08), Las Vegas - USA. CSREA Press, ISBN 1-60132-063-9, pg. 96-101 (DBLP)
31. Liana Stanescu, Dumitru Dan Burdescu, *Cosmin Stoica Spahiu*, Anca Ion (2008): "A MEDICAL INFORMATION SYSTEM BASED ON ORACLE TECHNOLOGIES", Proceedings of International Conference on Enterprise Information Systems (ICEIS 2008), pg. 417-420, Barcelona - Spain, ISBN: 978-989-8111-36-4. (ISI Proceedings, INSPEC, DBLP)
32. Liana Stanescu, Dumitru Dan Burdescu, Mihai Cristian Gabriel, Ion Anca, and Cosmin Stoica (2008): "Medical Imagistic Database Query for Educational Purpose", International Conference on Hybrid Learning (ICHL 2008). Hong Kong (Lecture Notes in Computer Science 5328 Springer-Verlag, pg.121-132. ISBN: 978-3-540-89961-7 ISI Proceedings, DBLP, SpringerLink
33. Liana Stanescu, *Cosmin Stoica Spahiu*, Anca Ion, Andrei Spahiu (2008): "Question generation for learning evaluation", Proceedings of First International Symposium on Multimedia - Applications and Processing (MMAP'08). Wisla - Poland. (IEEE Xplore)

34. Liana Stanescu, Dumitru Burdescu, *Cosmin Stoica-Spahiu*, Anca Ion, Dorin Stanescu (2008): "Using a complex numerical and multimedia database in internal medicine- Pre-release Evaluations", Proceedings of International Conference on Health Informatics (HEALTHINF 2008). Springer Verlag, pg. 192-195. Funchal, Madeira - Portugal. ISBN 978-989-8111-16-6 (ISI Proceedings, INSPEC,DBLP)
35. Liana Stanescu, Dumitru Burdescu, *Cosmin Stoica*, Marius Brezovan (2007): "A study of two color systems used in content-based image query on medical imagery", Proceedings of International Conference on Informatics in Control, Automation and Robotics (ICINCO 2007). Springer Verlag, pg. 337-340. Angers, France. ISBN: 978-972-8865-83-2 (ISI Proceedings, DBLP)
36. Liana Stanescu, Dan Dumitru Burdescu, Anca Ion, *Cosmin Stoica* (2007): "Content-based region query in databases with color images from digestive area", Content-based Image Retrieval for Biomedical Image Archives: Achievements, Problems, and Prospects A MICCAI 2007 Workshop, Brisbane, Australia
37. Liana Stanescu, Dumitru Burdescu, *Cosmin Stoica* (2007): "A Multimedia Database Management System for Medical Data", Proceedings of International Conference on Signal processing and Multimedia Applications (SIGMAP 2007). Springer Verlag, pg. 371-374. Barcelona, Spain. ISBN: 978-989-8111-13-5 (ISI Proceedings)
38. Liana Stanescu, Dumitru Burdescu, *Cosmin Stoica*, Marius Brezovan (2007): "A database management system kernel for image collections", Proceeedings of International Conference on Enterprise Information Systems (ICEIS 2007). Springer Verlag, pg. 530-533. Funchal, Madeira - Portugal. ISBN: 978-972-8865-88-7 (ISI Proceedings, DBLP)
39. Liana Stanescu, Dumitru Dan Burdescu, Marius Brezovan, *Cosmin Stoica Spahiu*, Eugen Ganea (2007): "An integrated system for querying the medical digital collections", ISD Theory, Practice, and Education. Springer-Verlag; Galway, Ireland. The Inter-Networked World: ISD Theory, Practice, and Education. Springer-Verlag New York, ISBN 978-0387304038 (SpringerLink)
40. Liana Stanescu, Dumitru Burdescu, *Cosmin Stoica* (2007): Color Image Segmentation Applied to Medical Domain. In: Lecture Notes in Computer Science 4881 Springer-Verlag 2007, pg. 457-466. ISBN: 978-3-540-77225-5 (ISI Proceedings, DBLP, SpringerLink)
41. Liana Stanescu, Dumitru Dan Burdescu, *Cosmin Stoica Spahiu* (2005): "Using R-Trees in Content-Based Region Query with Spatial Bounds", Proceedings of Synasc, Timişoara, Romania
42. C. Badica, M. Teodorescu, *C. Spahiu*, C. Fox, A. Badica (2005): “Integrating Role Activity Diagrams and Hybrid IDEF for Business Process Modeling using MDA”, Proceedings of Synasc 2005, Timişoara, Romania
43. *Cosmin Stoica Spahiu*, Costin Badica, Gabriel Vladut, Michael J. Roberts “Design and implementation of a make-to-order e-commerce system”, E-Comm-Line 2005 Conference, Bucureşti, Romania
44. *Cosmin Stoica Spahiu*, Costin Badica, Gabriel Vladut, Michael J. Roberts (2005): “E-Commerce Supermarket System: Concept and Impact", Proceedings of SINTES 2005, Craiova Romania

45. Liana Stanescu, Dumitru Dan Burdescu, *Cosmin Stoica Spahiu* (2005): "Application For Complex Querying Of The Databases Obtained By Extracting Data From DICOM Files", Proceedings of ICTTA 2006, Damascus, Syria, IEEE Computer Society Press, Vol.1, pg. 1008-1013 (IEEE Xplore)