

Curriculum Vitae

Personal Information:

1. Name: **Stoica Spahiu**
2. Surname: **Cosmin**
3. Sex: **m**
4. Birth date: **11.03.1980**
5. Phone: **0728 – 26 76 46**
6. E-mail: **Stoica.Cosmin@software.ucv.ro**
7. Driver license: **B**
8. Military stage: **none**
9. Marriage: **yes**
10. Children: **1**

Studies:

1. School: **Carol I - Craiova**
period: **1991 – 1995**
2. High school: **Carol I - Craiova**
period: **1995 - 1999**
department: **intensively informatics**
title: **„Programmer analyst, programmer assistant”**
3. Final exam year: **1999**
4. Faculty studies: **Automation, Computers and Electronics**
city: **Craiova**
department: **Computers, Software Engineering**
period: **1999 - 2004**
5. Diploma project:
Diploma Project title: **„Auto routes generation”**
Coordinators: **Prof. Ph.D. Eng. Dumitru Dan Burdescu**
Assoc. Prof. Ph.D. Eng. Liana Stănescu
Degree: **10**
6. Master studies: **Automation, Computers and Electronics**
period: **2004 - 2006**
Specialization: **Software Engineering**
7. Dissertation Project:
Dissertation Project Title: **„E-Commerce Supermarket System”**
(Eureka E! 2754)
Coordinator: **Costin Badică**
Degree: **10**

8. Ph.D. Studies:
 University of Craiova - Doctoral School
 Ph.D. thesis title: „**Knowledge extraction from multimedia databases**”
 Period: **2005 – present**
 Coordinator: **Acad.Prof.Ph.D.Eng Mircea Petrescu**

Knowledge, hobbies, qualities

1. Foreign language: **English** **French**
 Knowledge level: advanced beginner

2. PC knowledge:
 - a. *Basic knowledge:* **Microsoft Office 2007**
Corel Draw X3
Adobe Acrobat

 - b. *Programming:* **C**
Microsoft Visual C++
Microsoft Visual Basic
Java
Pascal
Prolog
Fox
PHP
JSP
SQL Server

 - c. Design: **Autocad**
Spice

Didactic Activity:

1. Teaching classes
 - Databases Design (III'th year – English Computers)

2. Lab activity:
 - Programming Techniques (I year – Romanian Computers, English Computers)
 - Programs' system engineering (I year – Automation)
 - Computer systems modeling and simulation (IV year – Romanian and English Computers)
 - Network application development (IV'th year – Romanian Computers)
 - Electronic commerce (V'th year – Romanian Computers)
 - Databases (III'rd year– English Computers)
 - Databases Design (III, IV'th year – English Computers)
 - Object Oriented Programming (III'th year – Romanian Computers)
 - Software Engineering (III'th year – English Computers)

3. Professional courses
 - Microsoft Office Excel 2003
 - Microsoft Office Word 2003
 - Corel Draw X3

3. Research activity
 - Annex 1 -

Organizing conferences and symposiums

- Participation to the organization of the “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/

Program committee member

- 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

International Research programs

- 2008 - Institute National Polytechnique de Toulouse (2 weeks – SOCRATES)

Professional memberships

- 2005 – present - SRAIT (Romanian Society of Automation and Technical Informatics) member.

Extracurricular activities:

- 2005 – present : SOCRATES ERASMUS Departmental coordinator to the Software Engineering Department
- In 2000 and 2001, I worked as voluntary in a project for Orphanages helping in Craiova in collaboration with the „Christ's Hospital” – Great Britain High School.
- As a student I participated as founding member to the students' organization OSACE. I represented my group in this organization until I finished the faculty.
- From 2002 I have started the CISCO courses.
- On the 2 may 2004, I got married with Emanuela Trăilă, student in the VI'th year to the Medicine and Pharmacy University, Faculty of Medicine - Craiova.
- The final exam was in 2004, with the “Auto Routes Generation” thesis, coordinator prof.ph.d.eng. Dan Burdescu. For development I used MS. Visual C++ and MS. SQL Server.
- The Average for all years of study was 8.63.
- During the 4 years in High School, I was in the Dancing team of the school.

Previous Jobs

- 2004 – 2007: University of Craiova, Faculty of Automation, Computers and Electronics, Software Engineering Department - junior teaching assistant
- 2007 – present: University of Craiova, Faculty of Automation, Computers and Electronics, Software Engineering Department – assistant professor

Annex 1 ~ Research Activity

1. Research projects

Member in the research team:

1. E-Commerce Supermarket System – EUREKA SUM E! Project no.2754 (2003-2007)
2. Research for medical imagistic and distributed databases systems integration development, no. 316/2004 (CNCSIS 2004-2005)
3. Algorithms for processing and querying medical images multimedia databases (CNCSIS 2006)
4. New algorithms for content based retrieval in multimedia databases (Romanian Academy, 2005)
5. On-line informatics system for content based retrieval of multimedia databases resulted by extracting information from DICOM standard files (CNCSIS 2006)
6. PARTNERSHIPS IN PRIORITIZED DOMAINS – Informatics System for Content Based Retrieval querying of medical imagistic databases (No. D11 045/14.09.2007) – Project manager: Prof. Ph.D. Eng. Dumitru Dan Burdescu
7. New methods based on Object Oriented Petri Networks and techniques for images semantic processing, used for monitoring flexible systems for intelligent production (Ideas Exploring Research project, No. 535/2008) – Project manager: Prof. Ph.D.Eng. Marius Brezovan

2. Published papers

1. *Cosmin Stoica Spahiu* (2009): “A Multimedia Database Server for information storage and querying”. In: Proceedengs 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](#))
2. *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**) [IEEE Computer Society](#), ISBN:978-0-7695-3751-1, pp.35-40
3. *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
4. *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](#))
5. 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](#))
 6. 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](#))
 7. 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](#))
 8. *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
 9. 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
 10. Mihai Gabriel, Liana Stanescu, Burdescu Dan Dumitru, Marius Brezovan, Eugen 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
 11. Gabriel Mihai, Liana Stanescu, Dumitru Burdescu, Marius Brezovan, and *Cosmin Stoica Spahiu* (2009): “A Topic Map for ”subject-centric” Learning”. In: Proceedings of 3rd International Symposium on Intelligent Distributed Computing (IDC 2009), Ayia Napa, Cyprus ([DBLP](#), [SpringerLink](#))
 12. 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](#))
 13. 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](#))
14. 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-Government (EEE08), Las Vegas – USA. CSREA Press, ISBN 1-60132-063-9, pg. 96-101 ([DBLP](#))
 15. 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](#))
 16. 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. [ISI Proceedings](#), [DBLP](#), [SpringerLink](#))
 17. 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](#))
 18. 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](#))
 19. 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. ([ISI Proceedings](#), [DBLP](#))
 20. Liana Stanescu, Dan Dumitru Burdescu, Anca Ion, *Cosmin Stoica* (2007): “Content-based region query in databases with color images from digestive area”, Proceedings of Conference on Medical Image Computing and Computer Assisted Intervention (MICCAI 2007), Brisbane, Australia
 21. 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 ([ISI Proceedings](#))
 22. Liana Stanescu, Dumitru Burdescu, *Cosmin Stoica*, Marius Brezovan (2007): “A database management system kernel for image collections”, Proceedings of International Conference on Enterprise Information Systems (ICEIS 2007).

- Springer Verlag, pg. 530-533. Funchal, Madeira - Portugal ([ISI Proceedings](#), [DBLP](#))
23. 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](#))
 24. 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 ([ISI Proceedings](#), [DBLP](#), [SpringerLink](#))
 25. Liana Stanescu, Dumitru Dan Burdescu, *Cosmin Stoica Spahiu* (2005): “Using R-Trees in Content-Based Region Query with Spatial Bounds”, *Proceedings of Synasc, Timișoara, Romania*
 26. 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, Timișoara, Romania*
 27. *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, București, Romania*
 28. *Cosmin Stoica Spahiu*, Costin Badica, Gabriel Vladut, Michael J. Roberts (2005): “E-Commerce Supermarket System: Concept and Impact”, *Proceedings of SINTES 2005, Craiova Romania*
 29. 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](#))