



## LENUTA ALBOAIE

Professor



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<http://www.info.uaic.ro/~adria>

Nationality Romanian | Date of birth December 29, 1979

### WORK EXPERIENCE



- Professor (since October 2019), Faculty of Computer Science, Alexandru Ioan Cuza University of Iași, Romania
- Associate Professor (October 2013 - September 2019), Faculty of Computer Science, Alexandru Ioan Cuza University of Iași, Romania
- Lecturer (September 2011-September 2013), Faculty of Computer Science, Alexandru Ioan Cuza University of Iași, Romania
- Assistant Professor (June 2009 – August 2011), Faculty of Computer Science, Alexandru Ioan Cuza University of Iași, Romania
- Analyst Programmer (April 2011-July 2012), S.C. The Red Point S.A. - IT Company, Iasi Branch, Romania
- Preparatory Professor (February 2007 - June 2009), Faculty of Computer Science
- Researcher and Analyst Programmer (June 2004 - January 2007), S.C. Axiologic Research SRL - IT company, Iasi, Romania
- Research Assistant (April 2003 - April 2004), Institute of Computer Science, Romanian Academy, Iasi Branch, Romania

Occupation or position held

Professor

Main activities and responsibilities

Teaching and Research

Name and Address of employer

Alexandru Ioan Cuza University of Iași, Faculty of Computer Science, General Berthelot, 16, 700483 Iași, Romania

Type of business or sector

Education, Research in Computer Science

## EDUCATION



- **Habilitation Degree, April 2019**, University Alexandru Ioan Cuza University of Iași  
Thesis title: "Integration and Cloud Computing" (OMEN 3784/1.04.2019)
- **Ph.D. in Computer Science 2003-2009**, University Alexandru Ioan Cuza University of Iași  
Thesis title: "Studies on trust modeling and computation of reputation in online communities"
- **Graduation of Project Management course 2013**, CNFPA authorized and recognized by Romanian Ministry of Labor, Family and Social Protection and Ministry of Education, Research and Innovation
- **Graduation of "Formator de Formatori" course 2005**, CNFPA authorized and recognized by Romanian Ministry of Labor, Family and Social Protection and Ministry of Education, Research and Innovation
- **M. Sc. Degree in Distributed Computing 2002-2003**  
Faculty of Computer Science, "Alexandru Ioan Cuza" University of Iași
- **B.Sc. Degree in Computer Science at the Faculty of Computer Science 1998- 2002**  
Alexandru Ioan Cuza University of Iași
- **Technical College "Dimitrie Ghica" Comanesti, Bacau 1994-1998**

## ACTIVITIES TYPE



### Teaching

- **Cloud Computing** - course and practical works (undergraduate, 3rd year) - Faculty of Computer Science, Alexandru Ioan Cuza University Iasi, (2011-2021)
- **Concurrent and Distributed Computing** - course and practical works (master, 2nd year) - Faculty of Computer Science, Alexandru Ioan Cuza University of Iasi (2012-2021)
- **Computer Networks** – course (undergraduate, 2nd year) - Faculty of Computer Science, Alexandru Ioan Cuza University of Iasi (2009-2021), practical works (2005-2019)

#### In the past:

- **Web Application Development** - practical works (master, 2nd year) - Faculty of Computer Science, Alexandru Ioan Cuza University of Iasi (2009-2014);
- **Web Technologies**, Faculty of Computer Science, Alexandru Ioan Cuza University of Iasi (2006 - 2011) – practical works (undergraduate, 2nd year) ;
- **User Interface Programming** (2002-2004), practical works (undergraduate, 3rd year), Faculty of Computer Science, Alexandru Ioan Cuza University of Iasi;
- **Introduction to Computers - Basic Elements** (2002 - 2004), Faculty of Theology - Course and practical works, Alexandru Ioan Cuza University of Iasi
- **Operating Systems** (2003-2004, 2005)- practical works (undergraduate, 2nd year), Faculty of Computer Science, Alexandru Ioan Cuza University of Iasi
- **C Programming** (2002-2003) - practical works (undergraduate, 1st year), Faculty of Computer Science, Alexandru Ioan Cuza University of Iasi

### Research

- More than **70 publications** in journals and volumes of national and international conferences, 4 books, 1 book chapter (see Annex below)
- **18 research/structural/mobility and cooperation projects**
- Coordinator of **Applied Distributed Systems Research Group**, Faculty of Computer Science, Alexandru Ioan Cuza University of Iași (<https://profs.info.uaic.ro/~ads/>, 2016-2019)
- Director of iTransfer- Technological Transfer Center of Alexandru Ioan Cuza University of Iași, Romania (from 2019)
- Member of the program committee of national and international conferences and journals

## Awards for research activities

- **IVLP 2019 Alumni - Empowering Women in STEM - Hidden No More**, United States Of America. State Department, International Visitor Leadership Program, 2019
- **Woman's Annual Science and Technology Distinction for Young Researchers** for outstanding achievements in scientific research, Center for Gender Equality in Science, Iasi, Romania, 2014
- **CNCSIS Prizes** 637, 789 for research papers "Semantic Integrity Control in the Database Layer of year e-Health System", "An Automatic Recognition Approach Within the User Reputation System Using a Nonlinear Hausdorff Metric Derived", 2009

## Research/Mobility/Cooperation contracts

### Projects - Status – ongoing

- **Member of SIG/IT Specialist - RAAS-IS** (Research As a Service - Iasi", POC/398/1/124759 (2021-2022), Budget: 4987738.23 RON
- **Member of the Horizon2020, H2020-IBA-SwafS-Support-2-2020 - Research & Innovation For Cities and Citizens - RI4C2**, Grant Agreement 101035803/04.06.2021 (2021-2022)
- **Member of HORIZON-MSCA-2021-SE-01 (MSCA Staff Exchanges 2021) - Elevating Higher Education public policies: an empowering SPRIngboard – HESPRI** (2021-2024)

### Projects - Status – Completed

- **Project Director: PrivateSky – Experimental Development in Private-Public Partnerships for the creation of Autochthonous Cloud Based Platforms with Advanced Data Protection Characteristics**, Operational Program: Competitiveness 2014-2020, Priority Axis 1, Action 1.2.3, Project type: Partnership for Knowledge Transfer, Contract nr. 13/01.09.2016, SMIS 106611, ID P\_40\_371; Budget: 15.266.417,50 RON; Project co-funded by the European Regional Development Fund (2016-2021)
- **WeldGalaxy: A Digital & Dynamic Knowledge Platform for Welding Industries**, European Union's Horizon 2020, Grant agreement 822106, WeldGalaxy partners: bTwi (UK), FundingBox Accelerator (Poland), Lulea Tekniska Universitet (Sweden), Ekon Modeling Software Systems Ltd (Israel), Romsoft SRL (Romania), Flowphys AS (Norway), Technovative Solutions Ltd (UK), Arteevo Technologies Ltd (Israel), Aeonx AI (France), University of Leicester (UK), University Politecnica de Madrid (Spain); Romsoft Budget: 347375 Euro; Total Project: 7500000 Euro(2018-2022) - **Project Member** (June 2019 - January 2020)
- **Project Director**, Monitoring and assistance system for people with special needs (SIMAPS), Sectoral Operational Program "Increasing Economic Competitiveness" (POSCE), Nr. 104/17.11.2014 Budget: 151200 RON, 2015
- **Member in the MUKE Project**, ERA-NET 2 CHIST-ERA/01.10.2012, Partners: Austria, Franta, Turcia; Project Title: MUKE - Multimedia and User Credibility Knowledge Extraction, Budget: 270796 Euro, 2012 -2015;
- **Project Director, PN II CI 168** – Cloud semantic engine for governmental heterogeneous information from multiple data sources, Program PN II: Inovare, Subprogram: Servicii suport pentru inovare – Cecuri de inovare, Project Budget: 44770 Ron, 2012-2013;
- **Project Director, Grant for Young Researchers**, Type: Human Resource (TD-160, 2007-2008), Budget: 39800;
- **Member of the PC-D 10 067 / 14.09.2007 "TELEMON - Advanced Real-Time System for Telemonitoring of Patients"** - Partnership Program (PNCDI PN II) Research Grant; Budget:135500 ron (2007-2010)

### **Collaborations in research contracts**

- "Reducing Benefits in sports activities on school violence", Faculty of Physical Education and Sport, Faculty of Psychology and Educational Sciences, Alexandru Ioan Cuza University of Iasi, CNCSIS Grant Ideas ID 1146, Project Manager Prof. PhD. Ioan Iacob, 2007-2010 (<http://prof.info.uaic.ro/~adria/sp/>) - (Finalized with a Patent Invention Application to OSIM: Computer Product for Assessing School Violence, Authors: Ioan Iacob, Mihai Curelaru, Emil Budescu, Beatrice Abălașei, Lenuta Alboiae, RO129907 A1/Int.CI G06Q 50/00)
- "Alternative Security Technologies for Distributed Applications", project ideas PN2 1083, Technical University of Cluj Napoca, 2009-2010

### **Mobility and cooperation contracts**

- MC Member - CA19122 (European Network For Gender Balance in Informatics) - (2020-2021)
- MC Member - IC1304 - Autonomous Control for a Reliable Internet of Services (ACROSS) (2015-2017)
- Member in Erasmus Mundus Academic Network – EDEN (Erasmus Mundus Action 2), Budget: 1.499.500 Euro, 2012- 2014
- Member in Inter-Academic Network Erasmus Mundus – IANUS (Erasmus Mundus Action 2), Budget: 3.930.475 Euro, 2013-2016;

### **Structural Funds Projects: Strategic and grant type**

- Member of the POCU/993/6/13/153322 project „Suport educațional și formativ pentru doctoranzi și tineri cercetători în pregătirea inserției în piața muncii”, 2022
- Member of the POSDRU ID. 138873, project „Programe de studii flexibile si competitive pentru IT&C in Regiunea de Dezvoltare Nord-Est (CompetIT&C), 2014-2015
- Long-term Expert - trainer, POSDRU ID 51391 (Human Resources Development Operational Program), "Interregional Training Network in e-learning system for teachers from the preuniversity education", Priority Axis 1, Key Area of Intervention 1.3, 1 September 1, 2010- August 31, 2013
- Member of the POSDRU ID. 31367, project "Practical training and activities to stimulate the insertion in the labor market for students and graduates" - (Coordinator, Faculty of Computer Science, Alexandru Ioan Cuza University of Iasi) - 2009-2011
- Member of the POSDRU ID 3405 project - "Stagiile pe BUNE" - Parteneriat național pentru implementarea proiectelor firme facultăți în vederea tranzitiei de la scoala la viață activă (pact)- <http://www.stagiiprebune.ro/>, Budget: 2.700.600 RON (2010-2011)

### **Institutional activities**

#### **Industry Collaboration**

- Contributions to increasing the visibility of the Faculty of Informatics through more than 60 partnerships with the IT industry
- Founder of IT companies @FII Program - IT Companies at FII (alias Facultatea de Informatica din Iasi) is a virtual place which highlights all the collaborations between the academic and industrial environment that is past, current or future collaborations (2012-2019) - <https://prof.info.uaic.ro/~itc2fii/collaborations.php>
- Improving the quality of the educational act by coordinating the modernization project, with private funds
  - 7 laboratories (2016-2017) (Amazon, BitDefender, Gemini CAD Systems, AquaSoft, Centric, Levi9, Continental) an amphitheater (2018) (with the help of a consortium formed by eight companies: Centric, Cegeka, Codeless, CRF Health, GoDaddy, Levi9, Sevio, XWiki)
  - Wireless infrastructure of the Faculty of Computer Science (2019)(Orange Romania), Alexandru Ioan Cuza University (beneficiaries 1600 students)

#### **Technological Transfer and Antreprenorial Initiatives**



- Establishment of the **iTransfer Technology Transfer Center** (<http://itransfer.space>) - under the "Alexandru Ioan Cuza" University of Iași, Romania
- Entrepreneurial Initiatives Programs: **Coordinator of Startup Europe Comes to Universities** (SEC2U) - Iasi (2016-2018, <https://profs.info.uaic.ro/~itc2fii/events/>), **Ambassador in Innovation Lab** (2017-2019, <https://www.innovationlabs.ro/whowear> ), **Co-organizer of BringItOn!** (2014, 2016, 2018 <http://bringiton.info.uaic.ro/>)

#### Awards for institutional activity

- **IT companies @FII - Best Academic Program of The Year**, Romanian Outsourcing Awards, Bucharest, Romania, 2015
- **Award for the entire activity**, PIN Awards - Regional Awards of IT & Outsourcing Industry, Iasi, Romania, 2017

#### Invitations to universities and/or other institutions

- **Teaching and Research collaboration activities**, Faculty of Informatics, Soongsil University, South Korea, April 2019
- **Teaching and Research collaboration activities**, Faculty of Informatics, Phuong Dong University, Hanoi, Vietnam, April 2018
- **Industry Collaborations – success stories and lessons**, Luxembourg University, October, 2017
- **"Privacy by Design from technical perspective"** - Invited lecture, August 2017, seventh edition of the National Symposium „Dimitrie Ghika – Comănești/Bacau, Romanian Committee for History and Philosophy of Science and Techniques from Romanian Academy (CRIFST), „Dimitrie Ghika-Comănești” Cultural and Scientific Association (NGO), „Dimitrie Ghika” High School, „Europe Direct Comănești” and Comănești Town Hall
- **Teaching and Research collaboration activities**, Faculty of Informatics, Shizuoka University, Hamamatsu, Japan, April 2017
- **Collaboration with industry on research and teaching activities**, (presentation) - Startup Europe Week 2016 – an initiative of the European Commission through the Startup Europe program - in partnership with the North East Regional Development Agency (ADR NordEst) and the Neamt Chamber of Commerce and Industry (CCI Neamt)
- **Collaboration with industry on research and teaching activities** (presentation), Seminarul „IT&C leveraging growth industries capabilities”, Chamber of Commerce and Industry Iasi, 2016 [www.finantare.ro/seminar-itc-leveraging-growth-industries-capabilities-iasi-20-mai.html](http://www.finantare.ro/seminar-itc-leveraging-growth-industries-capabilities-iasi-20-mai.html),
- **Dissemination of good practices** in Collaboration between Academic and Industry environment (presentation), "Alecu Russo" State University, Bălți, Moldova October, 2015
- **Dissemination of good practices** of Collaborations between Academic and Industry environment (presentations), Istanbul, Turkey, April, 2015
- **Methods of collaboration between companies and educational environment in the field of Information Technology**, Moldova e-Government Summit, Organised by University of Chisinau and Ministry of Information Technologies and Communications, 2010

#### Technical Presentations

- **"Open Science Discussion in a Technological Context"** - - Invited Lecture, Conference: Legal Perspectives on the Internet, Iasi, 29 October, 2021
- Is CEE already a Global Cluster of Innovation?, Wolves Summit, Worslow, Polish. 20 October 2021
- **"Another Edge, A New Beginning"** - Invited Lecture, Conference: Legal Perspectives on the Internet, Iasi, October, 2020

- “Tehnologia și inovarea în era digitală”, Programul EUcrea Tip, Centrul de Studii Europene, UAIC, 2019
- “Evolutie tehnologica și impactul asupra sistemului educațional”, Simpozionul Internațional al Asociației Cultural-Științifice „Dimitrie Ghika, 2019
- “Cloud computing basics”, Faculty of Informatics, Phuong Dong University, Hanoi, Vietnam, April 2018
- “Privacy by Design principles interpretation in Cloud Computing Era” - Invited Lecture, Conference: Legal Perspectives on the Internet, Iasi, October, 2017
- “Cloud Computing. Technological facts behind the scene”, Faculty of Informatics, Shizuoka University, Hamamatsu, Japan Vietnam, April 2017
- “Cloud Computing – the core of our digital life”, December 2016, EuroEd, Iasi, Romania
- “Cloud Computing – What does it mean?” - presentations, “Alecu Russo” State University, Bălți, November 2014 - Inter-Academic Network Erasmus Mundus II, Academic Staff Mobility
- “Cloud Computing – a new era in the information society”, October 2013, History Science Division, Romanian Academy, Bucharest, Romania
- “Microsoft Azure” presentation, Technical University of Cluj-Napoca, October 2012
- “Transmission and data management – essential factors in the information society development“, October 2012, History Science Division, Romanian Academy, Bucharest, Romania
- “The evolution of data processing and data transmission in human society”, October 21, 2011, Autumn Session – History Science Division, Romanian Academy, Bucharest, Romania
- “Creating Optimal Groups of Students in E-Learning Using Alternative Methodologies”, July 11-13, 2011, Cambridge, UK
- “Trust and Reputation in the Social Web” Rainbow Within Laboratory, Nice, Sophia Antipolis, July 12-19, 2010, France
- “Grid computing”, November Web Workshop dedicated Web Technologies, Faculty of Computer Science, Alexandru Ioan Cuza University of Iasi, 2005
- Workshop School of Computing, Alexandru Ioan Cuza University of Iasi - Presentation Software Project v.1.0 WebNote
- First Prize (Computer Science Section) in Pharmacy Conference (University of Medicine and Pharmacy) – with MedFam - a software project for patients management (May 2002, Iasi, Romania)

#### Member of International and National Associations/ Program Committees / Reviewer

- Collaborator member of the Romanian Academy, History of Science Division of the Romanian Committee for History and Philosophy of Science and Technology (CRIFST) (2011-present)
- Member of AAAS (American Association for Advancement of Science) (2019-present)
- Member of International Visitor Leadership Program (IVLP) Alumni (from 2019)
- Evaluator for the Priority Axis 1 Research, Technological Development and Innovation (CDI), The Ministry of Research and Innovation (2018)
- Member of program committee of International Conference on Mathematics, Informatics and Information Technologies dedicated to the illustrious scientist Valentin Belousov April 19 – 21, 2018, Balti, Republic of Moldova

- **Member of program committee** of 14th European Dependable Computing Conference (EDCC-2018)
- **Member of program committee** of 16th RoEduNet Conference: Networking in Education and Research, 2017
- **Member of program committee of DevExperience Conference**, 2017
- **Member of program committee of Startup-Weekend Conference Iasi**, 2015
- **Chair of 21st International Conference on Conceptual Structures** (ICCS 2014), <http://iccs2014.info.uaic.ro/> - 2014
- **Editorial board member of the International Journal of Intelligent Systems Design and Computing**, ISSN online: 2052-8485, ISSN print: 2052-8477 -2013
- **Evaluator for the Partnership Programme** - Joint Applied Research Projects – PCCA, UEFISCDI – 2013-2014
- **Member in the review board of the Scientific Journals International**, ISSN 1556-6757-2013
- **Member of program committee of CUBE** - International IT Conference & Exhibition, (Track chair in 2012), [www.thecubeconf.com](http://www.thecubeconf.com) - 2011-2013
- **Member of program committee - International Conference on Software Engineering and Computer Systems**, ICSECS2011, Series of Springer LNCS – 2010-2011
- **Program committee member -International Conference on Digital Information Processing and Communications** (ICDIPC2011), Technical University of Ostrava, Czech-2011
- **Reviewer - “F11 Competition”**, Web Technologies Section - 2011

TECHNICAL  
SKILLS



- Cloud Computing, Computer Networks, Distributed Systems
- Semantic Web technologies, Web Technologies

### Significant software projects

- **SwarmESB - part of PrivateSky Project** (<https://profs.info.uaic.ro/~ads/PrivateSky/>) (2013-2021)
- **SINUX - Ubuntu spiced up with Semantic Web** (collaboration with Alina Gozman (Munteanu), Daniel Munteanu, Andrei Panu, Sabin Buraga), (<http://profs.info.uaic.ro/~sinux/>) 2011
- **SIGMA - Government Semantic Mashup Application** (collaboration with Claudia Gheorghiu, Radu Nicolescu, Vasile Bogdan Andrei, Cristian Ochisor, Sabin Buraga), 2011
- **StarTrust (C / C +)** - Web Social Research project, 2010
- **StarWorth (C / C + +, C#)** a research project about: local trust metrics and reputation in online communities, 2008
- **PReS (C)** - a core of ratings rules for trust and reputation systems, 2007
- **toBiG (Java)** - the infrastructure that provides functionality of a Grid, 2003
- **MedFam (Delphi)** - a system that can be used for patient management, 2002
- **WebNote (C #)** - a web-application-organizer, based on SOAP, 2002

### Coordinating B. Sc. theses, M. Sc. theses (since 2007), PhD theses (since 2019) – Directions

- **Distributed Computing** (Middleware Architectures, Cluster and Grid Computing, Cloud Computing, Edge Computing)
- **Computer Networks**
- **Web technology** (SOA - Service Oriented Architecture, Web Services, Web Engineering, Social Web, Trust and Reputation Systems, etc.).
- **Semantic Web**

**ORGANIZATIONAL SKILLS**



- **Director of the Doctoral School of Informatics**, Alexandru Ioan Cuza University of Iasi (from 2020 - present)
- **Vice Dean of Faculty of Computer Science**, Alexandru Ioan Cuza University of Iasi, Romania 2014-2020
- **Chair of STARTUP EUROPE COMES TO UNIVERSITIES Event**, Iasi, Romania 2016-2018
- **Organizing Committee Chair - RoCHI 2016** - Conference on HCI 2016
- **Coordination of Museum Department of the Faculty of Computer Science**, within the Alexandru Ioan Cuza Museum, Iasi – 2011-2018
- **Member of organizing committee of Following Anita Borg**, January 16th, 2015
- **Coordinator of the workshop dedicated to IT Student Internships** – 2011-2021
- **Coordinator of the workshop IT Companies @ FII Workshop**, dedicated to strengthening relationships between academia and industry – 2012-2018
- **Member of the organizing committee of BringITon!** - biannual event from 2010
- **Member of the organizing committee of the event DesignJam**, Iasi ([http://www.designjams.org/wiki/Design\\_Jam\\_Iași](http://www.designjams.org/wiki/Design_Jam_Iași); <http://blog.mozilla.org/labs/2011/06/design-jam-iasi-1-intense-fun-a-rip-roaring-success-say-over-50-jammers-2/>) – June 2011
- **Member of the organizing committee of the event Doctoral Intensive Summer School** on Meta-Heuristics in Optimization Intelligent Data Analysis And Optimization Evolutionary Computing in Data Mining - ECODAM (<http://profs.info.uaic.ro/~summer school>)- 2010-2019
- **Member of the organizing committee of CICLing 2010** - Conference on Intelligent Text Processing and Computational Linguistics (<http://www.cicling.org/2010/>) - 2010
- **Member of organizing Committee of the PROMISE 2010** - ROmanian Processing in Multilingual, interoperable and Scalable Environments- 2010
- **Member of the organizing committee of RoCHI 2008** - Conference on HCI- 2008
- **Member of the organizing committee of the series of workshops on Web technologies**- 2003-2007

**Member of committees with administrative roles**

- **Member of the Commission to assess the quality of higher education in the Faculty of Computer Science**, Alexandru Ioan Cuza University of Iasi (2009-2018)
- **Member of the Ethics Committee** of Alexandru Ioan Cuza University of Iasi (2012-2014)
- **Member of the "Committee for Education and Research"** within the Economic and Social Development Board of Iasi county, Romania (2011-2012)

**LANGUAGES**



 English C2

**DRIVING LICENSE**



B2

**ANNEXES**



Annex 1. List of publications in journals and volumes of national and international conferences

Annex 2. List of the most significant achievements in terms of professional and managerial activity

Professor  
Lenuta Alboarie



## Annex 1. List of publications in journals and volumes of national and international conferences

I have published until now more than 65 publications as both author and co-author. Some of the works listed below are indexed in international databases (ACM Digital Library, IEEE Computer Society, DBLP, Web of Knowledge). I am also a co-author of four books with publishers recognized by CNCSIS.

1. Laura Cornei, **Alboiae Lenuta**, An ontology and neural networks based platform for improving impact policy assessment, Knowledge-Based and Intelligent Information & Engineering Systems, Septembrie 2022
2. Madalin Matei, **Alboiae Lenuta**, Adrian Iftene, Safety Navigation using a Conversational User Interface For Visually Impaired People, Knowledge-Based and Intelligent Information & Engineering Systems, KES2022, Septembrie 2022
3. Calancea, C.G., **Alboiae, L.** Techniques to Improve B2B Data Governance Using FAIR Principles. Mathematics 2021, 9, 1059. <https://doi.org/10.3390/math9091059>, IF 2021:1,747
4. Alexandru-Gabriel Cristea, **Lenuta Alboiae**, Andrei Panu, Vlad Radulescu, "Offline but still connected with IPFS based communication", Knowledge-Based and Intelligent Information & Engineering Systems: Proceedings of the 24th International Conference KES2020, vol. 176, pp. 1606-1612, September 16-18, 2020, doi: <https://doi.org/10.1016/j.procs.2020.09.183>
5. Sinica Alboiae, Nicu-Cosmin Ursache, **Lenuta Alboiae**, Self-Sovereign Applications: return control of data back to people, Knowledge-Based and Intelligent Information & Engineering Systems: Proceedings of the 24th International Conference KES2020, vol. 176, September 16-18, 2020, doi: <https://doi.org/10.1016/j.procs.2020.09.164>
6. V. Posea, C. Nitu, C. Damian, A. Panu, **L. Alboiae**, GDPR compliant recruitment platform using smart contracts and executable choreographies, 11th International Conference and Exposition on Electrical and Power Engineering - EPE2020, Iasi, Romania, October 22-23, 2020, ISI-Proceedings
7. C. Damian, D. Grosu, **L. Alboiae**, Applying PrivateSky technologies regarding confidentiality in a wide spectrum of cloud based applications, 11th International Conference and Exposition on Electrical and Power Engineering - EPE2020, Iasi, Romania, October 22-23, 2020, ISI-Proceedings
8. Robert Ioan Onesim, Andrei Pricop, **Lenuța Alboiae**, Andrei Panu - Counterfeiting Scalable Detection Image Based System for E-commerce, The 35th ACM/SIGAPP Symposium On Applied Computing (SAC 2020), Brno, Czech Republic, March 30 – April 3, 2020
9. Cătălin Damian, Ioan Lazăr, Daniel-George Vișoiu, Ștefan Romanescu, **Lenuța Alboiae** - Applying Blockchain Technologies in Funding of Electrical Engineering Industry Applications, The 12th International Conference on Electromechanical and Energy Systems (SIELMEN), Chișinău, Republic of Moldova, October 9 – 11, 2019
10. G. Calancea, C. Milut, **L. Alboiae**, A. Iftene, iAssistMe - Adaptable Assistant for Persons with Eye Disabilities, 23rd International Conference on Knowledge-Based and Intelligent Information & Engineering Systems, 2019
11. S. Alboiae, **L. Alboiae**, Z. Pritzker, A. Iftene, Secret Smart Contracts in Hierarchical Blockchains, 28th International Conference on Information Systems Development (ISD2019)

12. C. Damian, C. Ursache, S. Alboiae, R. Maștaleru, A. Panu, **L. Alboiae**, Using Double-Check Mechanism in IoT Software Environments, 2018 International Conference and Exposition on Electrical And Power Engineering (EPE), pp. 0816-0821. IEEE, 2018.
13. G. Calancea, **L. Alboiae**, A. Panu, A SwarmESB Based Architecture for an European Healthcare Insurance System in Compliance with GDPR, 19th International Conference on Parallel and Distributed Computing, Applications and Technologies (PDCAT-18), Jeju, Korea 2018
14. I. Stanescu, **L. Alboiae**, A. Panu, Blockchain and Smart-contracts Modeled in a SwarmESB Ecosystem, 19th International Conference on Parallel and Distributed Computing, Applications and Technologies (PDCAT-18), Jeju, Korea 2018
15. **L. Alboiae**, Towards a smart society through personal assistants employing executable choreographies, ISD 2017, 6-8 Sep 2017 26th International Conference on Information Systems Development
16. **L. Alboiae**, Interpretarea principiilor privacy by design în era cloud computing, Anale UAIC, Tomul, LXIII, Științe juridice, 2017, nr. II, ISSN: 1221-8464
17. Ursache, N.C., Damian, C., Alboiae, S., **Alboiae, L.**, Stouti, E.M., Bringing Executable Choreographies to the IoT, 22nd IMEKO TC4 Symposium and 20th International Workshop on ADC Modelling and Testing, ID-192, Iasi, Romania, September, 2017
18. Alboiae, Sinica, Ioana Bogdan, **Alboiae, Lenuta**; Vaida, Mircea-Florin; Operations on encrypted data in an ORM made for encrypted choreographies, 16th RoEduNet Conference: Networking in Education and Research, Târgu-Mureş, Romania
19. Serban, C., **Alboiae, L.**, Iftene A., Image and user profile-based recommendation system, Linguistic Linked Open Data 12th EUROLAN 2015 Summer School and RUMOUR 2015 Workshop, Sibiu, Romania, July 13-25, 2015, Revised Selected Paper, ISBN: 978-3-319-32941-3 (Print) 978-3-319-32942-0 (Online), Pages 67-82, Volume 588, 2016
20. Alboiae, Sinica; **Alboiae, Lenuta**; Vaida, Mircea-Florin; Olariu, Cristina, Executable choreographies applied in OPERANDO, Computer Science Journal of Moldova, Vol. 24 Issue 3, p417-436., 20p., 2016
21. C. Damian, **L. Alboiae**, A Iftene, Using WSN and Mobile Apps for Home and Office Ambient Monitoring and Control, Proceedings of the 13th International Conference on Human-Computer Interaction RoCHI-2016. Matrix ROM : Bucharest (2016), ISSN 2501-9422 ISSN-L 2501-9422
22. Sinica Alboiae, **Lenuta Alboiae**, and Mircea-Florin Vaida, Web service transformations in a federated Enterprise Service Bus based on executable choreographies, Proceedings of the Conference on Mathematical Foundations of Informatics MFOI'2016, July 25-29, 2016, Chisinau, Republic of Moldova
23. Sinica Alboiae, **Lenuta Alboiae**, Andrei Panu, Levels of Privacy for e-Health systems in the cloud era, 24<sup>th</sup> International Conference on Information Systems Development Harbin, China, August 25-27, 2015
24. Lucian Nita, **Lenuta Alboiae**, System for medical data acquisition and patient health state telemonitoring, SIELMEN (<http://sielman.ucv.ro>), Chisinau, 2015
25. Ungureanu, S., Panu, A., **Lenuta Alboiae**, A Cloud Gaming System Design Insights, Proceedings of 12th International Conference on E-Business - ICE-B, Franta, 2015

26. Șerban, C., **Alboiae, L.**, Iftene, A., Image and user profile-based recommendation system., Workshop on Social Media and the Web of Linked Data (RUMOUR 2015) at EUROLAN 2015 Summer School on Linguistic Linked Open Data. 18 July 2015, Sibiu, Romania.
27. **Lenuta Alboiae**, Sinica Alboiae, Tudor Barbu, Extending swarm communication to unify choreography and long-lived processes, 23rd International Conference on Information Systems Development (ISD2014 Croatia)
28. Iftene, A., **Alboiae, L.**, Serban, C., Siriteanu, A., Cautarea de imagini pe baza continutului si a metadatelor asociate, Conferinta Nationala Om-Calculator - RoCHI 2014
29. Adrian Iftene, **Lenuta Alboiae**, Diversification in an image retrieval system based on text and image processing, Computer Science Journal of Moldova, V.22, N.3(66), 2014
30. Ungureanu, S., Panu, A., **Alboiae, L.**, Buraga, S.C., Iftene, A. 2014, InstantPlay - O platforma de Cloud Gaming. Revista Romana de Interactiune Om-Calculator 7(1), Pp. 21-36, 2014. ISSN 1843-4460.
31. **Lenuta Alboiae**, Sinica Alboiae, Panu Andrei, Swarm Communication - a Messaging Pattern proposal for Dynamic Scalability in Cloud, 15th IEEE International Conference on High Performance Computing and Communications (HPCC 2013), Zhangjiajie, China, November 2013
32. Cristina Șerban, Alexandra Sirițeanu, Claudia Gheorghiu, Adrian Iftene, **Lenuța Alboiae**, Mihaela Breabă, Combining image retrieval, metadata processing and naive Bayes classification at Plant Identification 2013, CLEF 2013 Conference and Labs of the Evaluation Forum, Information Access Evaluation meets Multilinguality, Multimodality and Visualization, 2013
33. Claudia Gheorghiu, Andrei Panu, **Lenuta Alboiae**, A Semantic Web Platform for Legal Knowledge in Cloud, IEEE 12th International Conference on Intelligent Software Methodologies, Tools and Techniques, 2013
34. Andrei Panu, Sabin C. Buraga, **Lenuta Alboiae**, Qsense – Learning Semantic Web Concepts by Querying DBpedia, Proceedings of the 10th International Conference on E-Business - ICE-B, Iceland, 2013
35. **Lenuta Alboiae**, Transmission and data management – essential factors in the information society development, (in Romanian) Revista Noema, Comitetul Roman de Istorie si Filosofia Stiintei si Tehnicii, Academia Romana, ISSN: 1841-9852, 2013
36. Emanuela Boros, Alexandru-Lucian Ginsca, Sabin-Corneliu Buraga, **Lenuta Alboiae**, SUP: A Service Oriented Framework for Semantic User Profile Extraction and Representation, ICCP 2012 : The 2012 IEEE 8th International Conference on Intelligent Computer Communication and Processing, Cluj-Napoca, Romania, August 30 September 1, 2012, pp. 181-187, ISBN: 978-1-4673-2951-4
37. George L. Chetoreanu, Alina E. Mihăilă, Iulian Vascu, George Vlad, Sabin C. Buraga, **Lenuta Alboiae**, PeRe: A Location-Based Personal Semantic Web Recommender, 2012 IEEE International Conference on Automation, Quality and Testing, Robotics, THETA 18th edition, 24th -26th May, Cluj-Napoca, Romania
38. **Lenuta Alboiae**, Mircea-F. Vaida, Diana Pojar, Alternative Methodologies for Automated Grouping in Education and Research, CUBE 2012, CUBE International Information Technology Conference & Exhibition, Pune, India, 3 - 5 September 2012, ACM

39. **Lenuta Alboiae**, Evolutia prelucrarii si transmiterii datelor in societatea umana (in Romanian), Revista Noema, Comitetul Roman de Istorie si Filosofia Stiintei si Tehnicii, Volumul XI, pp.253-270, Academia Romana, ISSN: 1841-9852, 2012
40. **Lenuta Alboiae**, Mircea-F. Vaida, Trust and Reputation Model for Various Online Communities, Studies in Informatics and Control, ISSN 1220-1786, June 2011, Vol. 20, Issue 2, pp. 143-156, ISI journal, IMPACT FACTOR/ 2010 = 0.671
41. Alina Gozman, Daniel Munteanu, Andrei Panu, **Lenuta Alboiae**, SabinBuraga, SINUX – Ubuntu spiced up with Semantic Web, June 23-25,2011, 10th Networking in Education and Research- RoEduNet IEEE Conference, ISSN 2247-5443, pp.199-204, 2011
42. Claudia Gheorghiu, Radu Nicolescu, Andrei Bogdan, Cristian Ochisor, Sabin Buraga, **Lenuta Alboiae**, SIGMA - Semantic Government Mash-Up Application: Using Semantic Web Technologies to Provide Access to Governmental Data, International Symposium on Parallel and Distributed Computing - ISPDC, pp.247 – 253, INSPEC Accession Number: 12442940; Digital Object Identifier: 10.1109/ISPDC.2011.43, Cluj 2011
43. Radu Terec, Mircea-Florin Vaida, **Lenuta Alboiae**, Ligia Chiorean, DNA Security using Symmetric and Asymmetric Cryptography, International Journal of New Computer Architectures and Their Applications (IJNCAA), Vol. 1, Vol.1, No. 1, pp. 35-51, (extension of article Alternative DNA Security using BioJava), ISSN 2220-9085, 2011
44. Mircea-Florin Vaida, Florin-Claudiu Pop, Marcel Cremene, **Lenuta Alboiae**, Creating Optimal Groups of Students in E-learning using Alternative Methodologies, pp. 30-37, Computers and Advanced Technology in Education - CATE2011, 11-13 July 2011, Cambridge, ISBN: 978-0-88986-888-5
45. Mircea-Florin Vaida, Radu Terec, **Lenuta Alboiae**, Alternative DNA Security using BioJava, International Conference on Digital Information and Communication Technology and its Applications - DICTAP 2011, SDIWC, Univ. de Bourgogne, Dijon, France, 21-23 June, 2011, pp.455-469, Part 1, ISSN: 1865-0929, e-ISSN: 1865-0957, ISBN: 978-3-642-21983-2, e-ISBN: 978-3-642-21984-9, DOI: 10.1007/978-3-642-21984-9, Springer, LCCN: 2011930189
46. **Lenuta Alboiae**, Mircea-F. Vaida, Modeling of Trust to Provide Users Assisted Secure Actions in Online Communities, NDT 2010, Network Digital Technologies, Prague, 7-9 July 2010, pp.369-382, Communications in Computer and Information Science Part I, (CCIS) of Springer Lecture Notes Series - 87 ([www.springer.com/series/7899](http://www.springer.com/series/7899)), ISI Proceedings and Scopus, ISSN 1865-0929, ISBN -10 3-642-14291-5, ISBN- 13 978-3-642-14291-8
47. Mihaela Breaban, **Lenuta Alboiae**, Henri Luchian, Guiding Users within Trust Networks Using Swarm Algorithms, IEEE Congress on Evolutionary Computation (IEEE CEC 2009), pp. 1770-1777, ISBN: 978-1-4244-2958-5, DOI: 10.1109/CEC.2009.4983155 , 2009
48. **Lenuta Alboiae**, Sabin Buraga, Trust and Reputation in e-Health Systems, IFMBE Proceedings Vol. 26., International Conference on Advancements of Medicine and Healthcare through Technology, Meditech09, 23-26 September 2009, pp. 257-260, ISSN 1680-0737, ISBN 978-3-642-04291-1, e-ISBN 978-3-642-04292-8, DOI 10.1007/978-3-642-04292-8, Library of Congress Control Number: 2009934354, Cluj-Napoca, Romania, Indexare Springer
49. **Lenuta Alboiae**, How could trust metrics improve recommendation systems?, Distributed environments. Adaptability, Semantics and Security Issues; International Romanian-French Workshop, 17-18 september 2009, Cluj-Napoca: Editura U.T. Press, pp. 119- 127, ISBN 978-973-662-489-6

50. **Lenuta Alboiae**, Sinica Alboiae, Organic development of enterprise-level applications, Distributed environments. Adaptability, Semantics and Security Issues; International Romanian-French Workshop, 17-18 september 2009, Cluj-Napoca: Editura U.T. Press, 2009, pp. 46-54, ISBN 978-973-662-489-6
51. **Lenuta Alboiae**, Tudor Barbu, An automatic user recognition approach within a reputation system using a nonlinear Hausdorff derived metric, 2008, Numerical Functional Analysis and Optimization, ISSN 0163-0563 (Print), 1532-2467 (Online) Impact Factor /2007: 0.465, Impact Factor/2010: 0.687; Influence Factor: 0.57298; Premiu CNCSIS - 2009 - CNCSIS 789 - premiera cercetarii - 2008
52. **Lenuta Alboiae**, Diana Gorea, Victor Felea, Semantic Integrity Control in the Database Layer of an e-Health System, International Journal of Computers Communications & Control, ISSN 1841-9836, E-ISSN 1841 – 9844, Volume:3, Supplement: Suppl.S pp:162-167, 2008, Impact Factor/2010 = 0.650
53. **Lenuta Alboiae**: PRES - Personalized Evaluation System in a Web Community, ICE-B International Conference on e-Business, Portugal, pp.64-69, ISBN: 978-989-8111-58-6, IEEE, ISI Proceedings, 2008
54. **Lenuta Alboiae**, Tudor Barbu, Reputation System User Classification using a Hausdorff based Metric, International Conference on Intelligent Agents, Web Technologies and Internet Commerce – IAWTIC'2008, pp: 1035-1040, Vienna, Austria , December 10- 12, ISBN: 978-0-7695-3514-2, IEEE, 2008
55. **Lenuta Alboiae**, Sabin Buraga, Victor Felea, TELEMON – a SOA-based e-Health System. Designing the Main Architectural Components”, 9th International Conference on Development and application systems, Section: Information Technologies, Suceava, Romania, ISSN 1844-5039, 2008
56. **Lenuta Alboiae**, Diana Gorea, Victor Felea, A SSO-style authentication in a SOA-based e-Health System, Proc. of the 31th Annual Congress of American Romanian Academy of Arts and Sciences, ISBN: 978-2-553-01424-6, Montreal, Quebec, 2008
57. Victor Felea, Marian Balta, Diana Gorea, **Lenuta Alboiae** On Query Equivalence Using Views with Negation, Proc. of the 31th Annual Congress of American Romanian Academy of Arts and Sciences, Polytechnic International Press, pp. 42-45, ISBN: 978-2-553-01424-6, Montreal, Quebec, 2008
58. **Lenuta Alboiae**, A General Rating Computing Mechanism for Trust Propagation in Online Communities, Seminarul stiintific cu participare nationala, Sisteme Distribuite. Editia a VI-a, Universitatea "Stefan cel Mare", Centrul de Cercetare in Stiinta Calculatoarelor, ISSN 1842-6808, 2008
59. Sabin Buraga, **Lenuta Alboiae**, Grid Computing in the Context of Semantic Web-based Resource Management, Proceedings of the Eighth International Conference on Informatics in Economy, Editura Economica, 2007
60. **Lenuta Alboiae**, Sabin Buraga, Service-oriented architecture for health systems, Proceedings of the national symposium with international participation e-Health and bioengineering-EHB2007, ISSN: 0048-7848, Nr.2, 2007
61. Sabin Buraga, Sinica Alboiae, **Lenuta Alboiae** An XML/RDF-based Proposal to Exchange Information within a Multi-Agent System, Concurrent Information Processing and Computing, Volume 195 NATO Science Series: Computer & Systems Sciences, Edited by: D.Grigoras,

A.Nicolau, 336 pp., IOS Press, ISBN: 1-58603-502-9, 2005  
([http://www.iospress.cn/flyers\\_b/f19781586035020.pdf](http://www.iospress.cn/flyers_b/f19781586035020.pdf))

62. **Lenuta Alboiae**, Sabin Buraga, Sinica Alboiae, tuBiG - A Layered Infrastructure to Provide Support for Grid Functionalities, Proceedings of the 2nd International Symposium on Parallel and Distributed Computing, DOI: 10.1109/ISPDC.2003.1267637, pp. 9-14, ISBN: 0-7695-2069-3, IEEE Computer Society Press, 2003
63. Sinica Alboiae, Sabin Buraga, **Lenuta Alboiae**, An XML-based Serialization of Information Exchanged by Software Agents, 7th World Multiconference on Systemics, Cybernetics and Informatics, Date: JUL 27-30, 2003, Orlando, Florida, Vol. IX, ISI Proceedings, Pages: 1-4, Published: 2003 (short paper)
64. Sinica Alboiae, Sabin Buraga, **Lenuta Alboiae**, An XML-based Serialization of Information Exchanged by Software Agents, International Informatica Journal (<http://www.informatica.si/>), vol.28, no.1, pp. 13-22, April 2004; ISSN: 0350-5596; e- ISSN: 1854-3871
65. Sabin Buraga, **Lenuta Alboiae**, A Metadata Level for the tuBiG Grid-aware Infrastructure, in D.Petcu et al. (eds.), Proceedings of the 6th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing – SYNASC, (<http://www.informatik.uni-trier.de/~ley/db/conf/synasc/>), 2004
66. Sabin Buraga, Sinica Alboiae, **Lenuta Alboiae**, The Use of XML Technologies for Exchanging Information within a Multi-Agent System, International Scientific Journal of Computing, Research Institute of Intelligent Computer Systems, Ternopil National Economic University Vol. 2, Issue 3, ISSN 1727-6209 (<http://computingonline.net/>), 2003
67. Sinica Alboiae, Sabin Buraga, **Lenuta Alboiae**, An XML-based Object-Oriented Infrastructure for Developing Software Agents, Scientific Annals of Alexandru Ioan Cuza University of Iasi "Computer Science Section, Tome XII, Alexandru Ioan Cuza University of Iasi Press House, pp. 109-134, ISSN 1224-2268, Iasi 2002
68. **Lenuta Alboiae**, Sinica Alboiae, MUMSAI – an automatic authentication system (in Romanian), Seria Stiinte Exacte, Nr. 15/2005, "Vasile Goldis" University Press, pp.79-82 (short paper), ISSN: 1584-2355, 2005
69. **Lenuta Alboiae**, Sabin Buraga, Dialogues about SOAP (in Romanian), NET Report (CD-ROM), vol.12, 02 (125), February 2003

<b>Scientific books published in national publishers</b>	<b>Lenuta Alboiae</b> , Sabin Buraga, Web Services (in Romanian), Polirom Publishing House, ISBN 973-681-522-6 Iasi, 2006 (320 pages)
	Mircea-Florin Vaida, <b>Lenuța Alboiae</b> , Petre Gavril Pop, Cosmin Strilețchi, Ligia-Domnica Chiorean, Programare orientata pe obiecte si programare web, Editura: Casa Cărții de Știință, Cluj-Napoca, ISBN 978-606-17-0005-9, (245 pages), 2011
	Mircea-Florin Vaida, Petre Gavril Pop, Cosmin Strilețchi, Ligia-Domnica Chiorean, <b>Lenuța Alboiae</b> , Programarea în limbajul C/C++. Algoritmi de bază în C/C++, Editura: Casa Cărții de Știință, Cluj-Napoca, ISBN 978-606-17-0004-2, (262 pages), 2011
	Mircea-Florin Vaida, Ligia-Domnica Chiorean, <b>Lenuța Alboiae</b> , Petre Gavril Pop, Cosmin Strilețchi, Kuderna-Iulian Bentă, Programarea în

limbajul C/C++ cu elemente C++1y. Programare web C++, Casa Cartii de Stiinta, Cluj-Napoca, pp. 336, 2016, ISBN 978-606-17-1015-7

<b>Book chapters published in national publishers</b>	<b>Lenuta Alboiae, Sinica Alboiae, MUMSAI – an automatic authentication system (in Romanian), in S. Buraga (ed.), "Actual Trends in Web Application Design and Development", pp. 70-81, MATRIX ROM, Bucharest, ISBN (10) 973-755-030-7; ISBN(13) 978-973-755-030-0; 2006</b>
<b>Editor</b>	<b>Lenuța Alboiae, Dan Cristea, Corina Forăscu, Daniela Gîfu (eds.), BringITon! 2012 Catalog. ISSN 2285-0929, ISSN-L: 2285-0929, Editura Universității „Alexandru Ioan Cuza” Iasi, 17-18 May 2012</b> <b>Lenuța Alboiae, Dan Cristea, Corina Forăscu, Daniela Gîfu, Adrian Iftene (eds.). 2014. BringITon! Catalogue 2014. „Alexandru Ioan Cuza” University of Iași Publishing House, 68 p., ISSN 2285-0929</b> Alexandru-Adrian Tantar, Emilia Tantar, Michael Emmerich, Pierrick Legrand, <b>Lenuța Alboiae</b> , Henri Luchian (eds.), EVOLVE - A Bridge between Probability, Set Oriented Numerics, and Evolutionary Computation VI, Published under the imprint: Springer; Series Title: Advances in Intelligent Systems and Computing, 2018
<b>Patent applications (requests)</b>	<ol style="list-style-type: none"> <li>1. <b>Alboiae Lenuta</b>, Alboiae Sinica, Panu Andrei, Hulea Mircea, Mart Mihai, Vasiliu Ionut, Patent application no. A/ 00487/2019 for <i>Dispozitiv si sistemul informatic SmartID pentru automatizarea inregistrarii si prelucrarii informatiilor medicale</i>, OSIM, Romania</li> <li>2. Lazar Ioan, Visoiu Daniel, <b>Alboiae Lenuta</b>, Alboiae Sinica, Patent application no. A/ 00829/2019 for <i>Sistem tehnologic pentru generarea automata a certificatelor de autenticitate ale lucrarilor de arta - Authenticity Engine</i>, OSIM, Romania</li> <li>3. Posea Vlad Valentin, Nitu Cornel Marius, <b>Alboiae Lenuta</b>, Alboiae Sinica, Patent application no. A/ 00299/2020 for <i>Sistem de recrutare personal si metoda asociata</i>, OSIM, Romania</li> <li>4. Grosu Dragos Constantin, <b>Alboiae Lenuta</b>, Alboiae Sinica, Patent application no. A/ 00595/2020 for <i>Sistem informatic pentru managementul securizat al datelor si documentelor contabile -DigitalConta25</i>, OSIM, Romania</li> <li>5. Mastaleru Rafael, <b>Alboiae Lenuta</b>, Alboiae Sinica, Patent application no. A/ 00047/2021 for <i>Sistem de gestiune al cheilor private format din dispozitiv de autentificare si management chei integrat cu aplicatie descentralizata de tip self sovereign CloudSafe Box Enterprise</i>, OSIM, Romania</li> <li>6. Grosu Dragos Constantin, <b>Alboiae Lenuta</b>, Alboiae Sinica, <i>Sistem informatic pentru managementul securizat al datelor si documentelor contabile – DigitalConta25</i>; nr. cerere: A/ 00595/2020</li> </ol>

7. Posea Vlad Valentin, Nitu Cornel Marius, **Alboiae Lenuta**, Alboiae Sinica, *Sistem de recrutare personal și metoda asociată*; nr. cerere: A/ 00299/2020
  8. Lazar Ioan, Visoiu Daniel, **Alboiae Lenuta**, Alboiae Sinica; *Sistem tehnologic pentru generarea automată a certificatelor de autenticitate ale lucrărilor de artă – Authenticity Engine*; nr. cerere: A/ 00829/ 2019
  9. **Alboiae Lenuta**, Alboiae Sinica, Panu Andrei, Hulea Mircea, Mart Mihai, Vasiliu Ionut, *Dispozitiv și sistemul informatic SmartID pentru automatizarea înregistrării și prelucrării informațiilor medicale*; nr. cerere: A/ 00487/2019
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Professor  
Lenuta Alboiae



## Annex 2. List of the most significant achievements in terms of professional and managerial activity

### Institutional activities (extras)

- **Head of the Doctoral School**, Faculty of Computer Science, Alexandru Ioan Cuza University of Iași, (from 2020 - present)
- **Vice Dean** of Faculty of Computer Science, Alexandru Ioan Cuza University of Iași, 2014- 2020
- **Co-founder** of **WITchIS** group - Women in Information Technology of Iasi - <https://profs.info.uaic.ro/~witchis/> (2015-2022)
- Member of Academic-Industry consortium for **ANIS Scholarship** (Asociația Patronala a Industriei de Software si Servicii), 2018 -2022 <https://www.anis.ro/burse-anis/#.W5mDqvloSUk>

### Industry Collaboration

In the last fifteen years I built through various scientific events/research projects/entrepreneurial initiatives, a straight and stable connection between the academic and the business environment

- Contributions to increasing the visibility of the Faculty of Informatics through more than 60 partnerships with the IT industry
- Founder of IT companies @FII Program - IT Companies at FII (alias Facultatea de Informatică din Iași) is a virtual place which highlights all the collaborations between the academic and industrial environment that is past, current or future collaborations (2012-2019) - <https://profs.info.uaic.ro/~itc2fii/collaborations.php>
- Improving the quality of the educational act by coordinating the modernization project, with private funds
  - 7 laboratories (2016-2017) (Amazon, BitDefender, Gemini CAD Systems, AquaSoft, Centric, Levi9, Continental) an amphitheater (2018) (with the help of a consortium formed by eight companies: Centric, Cegeka, Codeless, CRF Health, GoDaddy, Levi9, Sevio, XWiki)
  - Wireless infrastructure of the Faculty of Computer Science (2019)(Orange Romania), Alexandru Ioan Cuza University (beneficiaries 1600 students)

### Technological Transfer and Antreprenorial Initiatives

- Founder of the **iTransfer - Technology Transfer Center** (<http://ittransfer.space>) - under the "Alexandru Ioan Cuza" University of Iași, Romania
- Entrepreneurial Initiatives Programs: **Coordinator of Startup Europe Comes to Universities** (SEC2U) - Iasi (2016-2018, <https://profs.info.uaic.ro/~itc2fii/events/>), **Ambassador in Innovation Lab** (2017-2019, <https://www.innovationlabs.ro/whoweare> ), **Co-organizer** of **BringItOn!** (2014, 2016, 2018 <http://bringiton.info.uaic.ro/>)

### Awards for institutional activity

- **IT companies @FII - Best Academic Program of The Year**, Romanian Outsourcing Awards, Bucharest, Romania, 2015
- **Award for the entire activity**, PIN Awards - Regional Awards of IT & Outsourcing Industry, Iasi, Romania, 2017

### Research and Projects (extras)

- More than **70 publications** in journals and volumes of national and international conferences, 4 books, 1 book chapter
- **16 research/structural/mobility and cooperation projects**
- **9 requests patent applications** (in collaboration with Industry partners)

- Coordinator of **Applied Distributed Systems Research Group**, Faculty of Computer Science, Alexandru Ioan Cuza University of Iași (<https://profs.info.uaic.ro/~ads/>, 2016-2020)
- Chair/Coordinator or Member of organizing committee in over 40 national/international scientific events
- Member of the program committee of national and international conferences and journals

#### Awards for research activities

- **Empowering Women in STEM - Hidden No More**, United States Of America. State Department, International Visitor Leadership Program, IVLP 2019
- **Woman's Annual Science and Technology Distinction for Young Researchers** for outstanding achievements in scientific research, Center for Gender Equality in Science, Iasi, Romania, 2014

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