



LENUTA ALBOAIE

Professor



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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 Iasi, 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 Autochthone 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" (POSCCE), 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://profs.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 Alboai, 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 și 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" - (Coordonator, Faculty of Computer Science, Alexandru Ioan Cuza University of Iasi) - 2009-2011
- **Member of the POSDRU ID 3405 project** - "Stagii pe BUNE" - Parteneriat național pentru implementarea proiectelor firme facultăți în vederea tranziției de la școală la viaa activă (pact)- <http://www.stagiipebune.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://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



- Establishment 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

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/Bacău, 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,
- **Dissemination of good practices** in Collaboration between Academic and Industry environment (presentation), "Alec 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**
- **“Evoluție tehnologică 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, “Alec 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 - 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
- Cloud Computing, Computer Networks, Distributed Systems
- Semantic Web technologies, Web Technologies

TECHNICAL SKILLS



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_Iasi; <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 Alboaie



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, **Alboaie 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, **Alboaie 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., **Alboaie, 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 Alboaie**, 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 Alboaie, Nicu-Cosmin Ursache, **Lenuta Alboaie**, 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. Alboaie**, 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. Alboaie**, 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, **Lenuta Alboaie**, 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 Vişoiu, Ştefan Romanescu, **Lenuta Alboaie** - Applying Blockchain Technologies in Funding of Electrical Engineering Industry Applications, The 12th International Conference on Electromechanical and Energy Systems (SIELMEN), Chişinău, Republic of Moldova, October 9 – 11, 2019
10. G. Calancea, C. Milut, **L. Alboaie**, A. Iftene, iAssistMe - Adaptable Assistant for Persons with Eye Disabilities, 23rd International Conference on Knowledge-Based and Intelligent Information & Engineering Systems, 2019
11. S. Alboaie, L. **Alboaie**, Z. Pritzker, A. Iftene, Secret Smart Contracts in Hierarchical Blockchains, 28th International Conference on Information Systems Development (ISD2019)

12. C. Damian, C. Ursache, S. Alboaie, R. Maștaleru, A. Panu, **L. Alboaie**, 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. Alboaie**, 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. Alboaie**, 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. Alboaie**, 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. Alboaie**, 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., Alboaie, S., **Alboaie, 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. Alboaie, Sinica, Ioana Bogdan, **Alboaie, Lenuta**; Vaida, Mircea-Florin; Operations on encrypted data in an ORM made for encrypted choreographies, 16th RoEduNet Conference: Networking in Education and Research, Târgu-Mureș, Romania
19. Serban, C., **Alboaie, 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. Alboaie, Sinica; **Alboaie, 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. Alboaie**, 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 Alboaie, **Lenuta Alboaie**, 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 Alboaie, **Lenuta Alboaie**, Andrei Panu, Levels of Privacy for e-Health systems in the cloud era, 24th International Conference on Information Systems Development Harbin, China, August 25-27, 2015
24. Lucian Nita, **Lenuta Alboaie**, System for medical data acquisition and patient health state telemonitoring, SIELMEN (<http://sielmen.ucv.ro>), Chisinau, 2015
25. Ungureanu, S., Panu, A., **Lenuta Alboaie**, A Cloud Gaming System Design Insights, Proceedings of 12th International Conference on E-Business - ICE-B, Franta, 2015

26. Șerban, C., **Alboai**, 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 Alboai**, Sinica Alboai, Tudor Barbu, Extending swarm communication to unify choreography and long-lived processes, 23rd International Conference on Information Systems Development (ISD2014 Croatia)
28. Iftene, A., **Alboai**, L., Serban, C., Siriteanu, A., Cautarea de imagini pe baza continutului si a metadatelor asociate, Conferinta Nationala Om-Calculator - RoCHI 2014
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Professor
Lenuta Alboaie



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://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

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 Iasi (<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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Lenuta Alboaie