

Universitatea Alexandru Ioan Cuza din  
Iași  
Facultatea de Economie și Administrarea  
Afacerilor  
Departamentul de Cercetare

CSIII dr. Sabina-Cristiana Necula

ACTIVITATE ȘTIINȚIFICĂ

a) Stagii de pregătire:

Sursa de finantare	Perioada	Stagiu de cercetare
CNCSIS 437 (2006-2007) – director proiect	15 Aprilie-31 Iulie 2006	Albert-Ludwigs Freiburg University
CNCSIS MD 7/2006 – director proiect	12 Martie-12 Aprilie 2006	ASE București- Faculty of Cibernetica, Statistica si Informatica Economica
CNCSIS Te 188/2010-2013- director proiect	15 Noiembrie-26 Noiembrie 2010	CERDI Research Centre (Université d’Auvergne, Faculté d’Economie et de Gestion, Clermont Ferrand, France)
CNCSIS Te 188/2010-2013- director proiect	26 Noiembrie – 3 Decembrie 2010	Faculté de Sciences économiques, Université de Poitiers
CNCSIS Te 188/2010-2013- director proiect	1 Iunie-24 Iunie 2012	Knowledge Media Institute, The Open University

b) Participări la congrese și conferințe

1. **Necula S.C.**, *Using Resource Description Format in Integrating and Querying Web Data Sources for Semantic Portals*, Book Chapter, Editor: Elena Garcia-Barriocanal, Editor: Zeynel Cebeci, Mehmet C.Okur, Aydın Öztürk, Metadata and Semantic Research, în Communications in Computer and Information Science, 2011, Springer Berlin Heidelberg, ISBN: 978-3-642-24731-6, pp. 194-200, Vol. 240, WOS:000310181200020
2. **Mihalache** (maiden name) S.C, *Thinking in Decision Rules: Specifying a Metamodel to Organize Information*, Proceedings of the European Computing Conference, edited by N. Mastorakis, V. Mladenov, T.V. Kontargyri in Lecture Notes in Electrical Engineering, vol. 28, Springer Science + Business media LLC, New York, USA, 2009, pp. 299-308, Atena, Grecia,

3. **Necula, S.C.**, *Addressing the Problem of Information Quality from the Online Environment of E/commerce by Using Semantic Web Technologies*, Proceedings of The 15th International Conference on Informatics in Economy, WOS:000386192300022, Cluj-Napoca, 2016
4. **Necula S.C.**, *Discussions on Semantic-Based in Decision Support Systems*, Proceedings of the European Computing Conference (ECC '11), ISBN: 978-960-474-297-4, ISSN: 2222-7342, WSEAS Press, Paris, France April 28-30, 2011, pp. 193-197
5. **Necula S.C.**, *Enhancing Security Exchange Commission Data Sets Querying by Using Ontology Web Language*, The 17th IBIMA Conference on Creating Global Competitive Economies, 2011, ISBN: 978-0-9821489-6-9, Editor Khalid S. Soliman, International Business Information Management Association (IBIMA) Press, pp. 885-889, WOS:000317550000083, Milano, 14-15 Noiembrie, 2011
6. **Necula S.C.**, *Organizational Semantic Web Based Portals*, The 7th International Conference on Management of Technological Changes, 1-3 Septembrie, 2011, Alexandroupolis, Grecia, ISBN: 978-960-99486-1-6, Democritus University of Greece Press, pp. 317-320, WOS:000306939900080
7. **Necula S.C.**, *Querying Semantic Web Data Sets by Using SPARQL*, Globalization and Higher Education in Economics and Business Administration (GEBA 2011), Iasi, 20-22 octombrie, Editura Alexandru Ioan Cuza University of Iasi, ISBN: 978-973-703-697-1, pp. 506-512,
8. **Necula S.C.**, *Testing the Quality of a Semantic Web Database*, 19th IBIMA conference on Innovation Vision 2020: Sustainable growth, Entrepreneurship, Real Estate and Economic Development, ISBN: 978-0-9821489-8-3, pp. 1175-1179, WOS:000317549701001, 2013, Viena
9. **Necula S.C.**, *Semantic Web Business Applications- A Scalability Model for the New Digital Economy*, ECCS 2012, Recent Advances in Information Science, Proceedings of the 3rd European Conference of Computer Science, WSEAS Press, ISSN: 1790-5109, ISBN: 978-1-61804-140-1, pp. 98-103, Paris, 2012
10. **Necula S.C.**, *Methodological Considerations in Building Business Ontologies for Decision Support*, Published in: Recent Advances in Knowledge Engineering and Systems Science (February 2013), ISBN: 978-1-61804-162-3, pp. 17-21, Cambridge, UK
11. **Necula S.C.**, Georgescu M., *The Software Business of Semantic Web in E-Government*, Braşov, 1-3 June 2013, Proceedings of the 11th International Conference on Environment, Ecosystems and Development (EED '13), ISBN: 978-1-61804-195-1, pp. 172-176
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13. *Mihalache S.C., The Accounting Decisions and their Modelling Using Specialized Computer-Based Tools prezentat la Digital Accounting Research Conference (2006) în Huelva, Spania, <http://www.uhu.es/ijdar/darc2006.htm> urmat de publicarea articolului în jurnalul The International Journal of Digital Accounting Research, editat de Enrique Bonsón, University of Huelva, Spain și Miklos Vasarhelyi, University of Rutgers, USA, ISSN: 1577-8517, vol.7, nr.13, pp.25-51, 2007*
14. *Mihalache S.C., Accounting decisions' modeling with intelligent technologies, Proceedings of the 8th Conference on 8th WSEAS Int. Conference on Mathematics and Computers in Business and Economics, pp. 162-170, Vancouver, Canada, 2007*
15. *Necula S.C., Studying the Meaning of the Social Media Incentives in the Academic Environment, International Conference on Social Media in Academia - Research and Teaching (SMART) Location: Bacau, Romania, Date: JUN 06-09, 2013, SMART 2013: Social Media in Academia: Research and Teaching, Pages: 211-214 Published: 2013, WOS:000335747400034*
16. *Necula S.C., Testing Semantic-Web based Querying by Using Ontologies in Resource Description Format, 18th International-Business-Information-Management-Association Conference Location: Istanbul, Date: MAY 09-10, 2012, VOLS 1-5 Pages: 2160-2165 Published: 2012, WOS:000317549801093*
17. *Necula S.C., Demand-side innovation policies in Romania, Innovative and Sustainable Competitive Advantage: From Regional Development to World Economies, VOLS 1-5 Pages: 2166-2171 Published: 2012, WOS:000317549801094*
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21. *Necula S.C., The Actual Functionality Requirements For Business Decision Support Systems, Creating Global Competitive Economies: a 360-Degree Approach, VOLS 1-4 Pages: 877-884 Published: 2011, WOS:000317550000082*
22. *Necula S.C., Popescul D., Some Considerations Regarding the Usefulness of Applying Semiotics in Web Ontologies, Creating Global Competitive Economies: a 360-Degree Approach, VOLS 1-4, Pages: 1068-1073 Published: 2011, WOS:000317550000104*
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24. Necula S.C., The Actual Limits of Decision Support Systems and Knowledge Based Systems in Supporting Business Decision Processes, Innovation and Knowledge Management: A Global Competitive Advantage, , vols 1-4 Pages: 1134-1138 Published: 2011, WOS:000317549600108
  25. Necula S.C., Decision-making support systems: Actual implementations, limits and requirements, Knowledge Management and Innovation: a Business Competitive Edge Perspective, vols 1-3 Pages: 1501-1505 Published: 2010, WOS:000317549600108
- c) Articole științifice publicate in extenso în reviste cotate Web of Science cu factor de impact
1. Necula, S.C., Implementing the Main Functionalities Required by Semantic Search in Decision-Support Systems, International Journal of Computers, Communications & Control, 2012, volum 7, nr. 5, pp. 907-915 (AIS=0,131)
  2. Homocianu, D., Necula, S.C., Airinei, D., Radu, L.D., Georgescu, M.R., Baci, L.L., Damian, A.C., Multimedia for Learning in Economy and Cybernetics, Economic Computation and Economic Cybernetics, Studies and Research, volume: 48, issue: 3, 2014, Pages: 121-140
  3. Articole științifice publicate in extenso în reviste sau volume de conferințe cotate Web of Science fără factor de impact
1. **Necula S.C.**, *Using Resource Description Format in Integrating and Querying Web Data Sources for Semantic Portals*, Book Chapter, Editor: Elena García-Barriocanal, Editor: Zeynel Cebeci, Mehmet C.Okur, Aydın Öztürk, Metadata and Semantic Research, în Communications in Computer and Information Science, 2011, Springer Berlin Heidelberg, ISBN: 978-3-642-24731-6, pp. 194-200, Vol. 240, WOS:000310181200020
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15. Necula S.C., Popescul D., Some Considerations Regarding the Usefulness of Applying Semiotics in Web Ontologies, Creating Global Competitive Economies: a 360-Degree Approach, VOLS 1-4, Pages: 1068-1073 Published: 2011, WOS:000317550000104
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18. Necula S.C., Decision-making support systems: Actual implementations, limits and requirements, Knowledge Management and Innovation: a Business Competitive Edge Perspective, vols 1-3 Pages: 1501-1505 Published: 2010, WOS:000317549600108

d) Articole științifice publicate in extenso în reviste clasificate CNCSIS B+ și BDI

1. Necula, S.C., *Decision models: integrating different perspectives*, Analele Științifice ale

- Universității Alexandru Ioan Cuza din Iași, Iași, 2009, pp. 35-42
2. Necula Sabina-Cristiana, Romania's Innovation Culture: the Quest for the Dependent Variable în volumul *Lucrări Științifice - seria Agronomie*, Vol. 55, Nr. 1/2012, Editura Ion Ionescu de la Brad'', Iasi, Print ISSN: 1454-7414, Electronic ISSN: 2069-6727, pp. 233-238.
  3. Necula S.C., Economic Development, Technological Change, and Growth, *Acta Universitatis Danubius: Oeconomica*, vol 5, nr.8, 2012
  4. Necula S.C., A Semantic Web Solution for E-Government Educational Services, *Informatica Economică* vol. 19, no. 4/2015
  5. Sabina Cristiana Necula, Diversity and Specialization: Public Policies Framework for Innovation, *Acta Universitatis Danubius. (Economica, Vol 12, No 1 (2016)*
  6. Mihalache, S.C., - *Knowledge engineering – modeling activity. Concept modeling in developing knowledge based systems* în *Revista Informatică Economică*, Nr. 4, 2004
  7. Mihalache S.C., Using Decision Models' Metamodel for Information Retrieval, *Analele Științifice ale Universității Alexandru Ioan Cuza din Iași, Iași, 2007*, pp. 47-52
  8. Mihalache S.C., Aspecte privind informațiile și deciziile contabile, *Analele Științifice ale Universității Alexandru Ioan Cuza din Iași, Iași, 2005*
  9. **Necula S.C.**, A Semantic Web Solution for E-Government Educational Services, *Revista Informatica Economica*, nr.4/2015, <http://revistaie.ase.ro/content/76/04%20-%20Necula.pdf>
  10. **Necula S.C.**, Radu L.D., *Considerations on the semantic web applicability for the financial audit*, *Financial Audit Review*, no.7/2014, pp. 11-17
  11. Mihalache S.C., Managementul activelor în *Tribuna Economică*, Vol. 17, Nr. 5, 2006
  12. Mihalache S.C., Experiența firmelor internaționale de contabilitate în utilizarea sistemelor inteligente în *Contabilitatea, Expertiza și Auditul Afacerilor*, 2005
  13. Mihalache S.C., Întreprinderea și managementul performanțelor în *Revista Tinerilor Economiști*, Nr. 2, 2004
  14. Mihalache, S.C. - *Decizia contabilă și sistemul financiar-contabil al întreprinderii* în *Revista Tribuna Economică*, Nr. 5, 2005
  15. Mihalache, S. - *Rolul deciziei contabile în contextul adoptării Standardelor Internaționale de Contabilitate* în *Gestiunea și Contabilitatea firmei*, Nr. 4, 2004
  16. Mihalache S.C., *Întreprinderea. Identitate cognitive și managerială*, *Revista Tinerilor Economiști*, Nr. 4, 2005
  17. Necula S.C., *Romania's Innovation Culture: the Quest for the Dependent Variable*, în volumul *Lucrări Științifice - seria Agronomie*, Vol. 55, Nr. 1/2012, Editura Ion Ionescu de la Brad'', Iași, Print ISSN: 1454-7414, Electronic ISSN: 2069-6727, pp. 233-238
  18. Necula S.C., *E-Government – A Demand-Side Innovation Policy in Romania*, *Revista Acta Universitatis Danubius. Oeconomica* Vol 8, issue no. 5/2012, Print ISSN: 2065-0175, Online

e) Articole științifice publicate in extenso în reviste clasificate CNCSIS B

Articole științifice publicate in extenso în volumele conferințelor, în dicționare și enciclopedii

1. Sabina-Cristiana Necula, *Financial Data Sets Querying by Using Semantic Web Technologies*, ISBN-13: 978-1-61275-994-4, 2011, Management Science and Engineering, Editors: Mark Zhou, în: *Advances in Artificial Intelligence*, Volumul 1, pp.598-603, <http://www.ier-institute.org/2160-147X/978-1-61275-994-4.htm>
2. Mihalache, S.C., *Rolul ontologiilor în reprezentarea cunoașterii*, în volumul *European Integration and Economic Competitiveness*, Editura ASEM, Chișinău, 2004, pp. 231-238
3. Mihalache S.C., *Decision Models' Epistemological and Computational Adequacy on the Knowledge Level*, Informatics in Knowledge Society ASE, București, 2007
4. Necula S.C., *Using Ontology in a Semantic Web-based Portal*, The IEEE Conference on Communication, Science & Information Engineering, ISBN: 978-0-9556254-6-6, Oxford Brookes University, Gipsy Lane, OX3 0BP, United Kingdom, pp. 261-265
5. Necula, Sabina-Cristiana (2012): *Publishing Semantic Web Business Decision-Making Data*. Published in: *Proceedings of the Globalization and Higher Education in Economics and Business Administration (GEBA 2012) (October 2012)*: pp. 574-577
6. Mihalache S.C., *Managementul cunoașterii – soluție imperativă pentru universitatea virtuală*, Sesiunea de Comunicări Științifice „STRATEGII XXI” Spațiul Sud-Est european în contextul globalizării organizată de Universitatea Națională de Apărare „CAROL I”, Editura Universității Naționale de Apărare Carol I, București, 2007
7. Mihalache S.C., *The Actual Stage of Development on Accounting Knowledge-Based Systems within Romanian Firms*, International Conference – Knowledge Management Projects, Systems and Technologies, București, 2006
8. Mihalache S.C., *Quantitative and Qualitative Modeling of Accounting Decisions*, InfoBusiness'2006, Iași, 2006
9. Mihalache S.C., *The Actual Meaning of Management in the Context of Knowledge-Based Organizations*, CEEC – SMEs în cadrul conferinței InfoBUSINESS Iași, 2006
10. Mihalache S.C., *Intelligent Tools for Accounting Decisions' Modelling, The Impact of European Integration on the National Economy*, Cluj-Napoca, 2005
11. Mihalache S.C., *Intelligent Techniques for business decision modeling*, Information & Knowledge Age, The proceedings of the Seventh International Conference on Informatics in

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15. Mihalache S.C., Categories of accounting decisions and their modeling by expert systems, The Central and East European Conference in Business Information Systems, Cluj, 2004
16. Mihalache S.C., Îmbunătățirea procesului decizional cu ajutorul soluțiilor inteligente Balanced Scorecard, Economia contemporană. Prezent și perspective, Pitești, 2004
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18. Mihalache S.C., Business Intelligence Solutions for Accounting Departments, SIMPEC 2004, Brașov, 2004
19. Mihalache S.C., Despre integrarea informației, Utilizarea tehnologiilor mobile în mediul de afaceri românesc, Editura Universității Alexandru Ioan Cuza din Iași, 2008
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- h) Materiale suport curs, seminar, lucrări practice și programe analitice detaliate
- i) Tratatate și manuale universitare
- j) Alte activități

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