

## Lista de publicații

### Cărți&Monografii și Lucrări pentru activități practice

1. **Cosmina Ivan**, "Concepte, mecanisme și soluții middleware pentru dezvoltarea sistemelor distribuite" Risoprint, 2016, ISBN 987-973-53-1776-8
2. **Cosmina Ivan**, *Introducere in Calcul paralel si distribuit* - Lucrări practice, Editura Roprint , Cluj Napoca 2007 ,ISBN 978-973-751-450-9, 168 pag, [Editura RisoPrint este recunoscută CNCISIS, având codul 178]
3. **Cosmina , Ivan** - *Protocole de comunicație*, Editura Roprint, Cluj Napoca, 2005, ISBN 973-656-811-3,248 pag, [Editura RisoPrint este recunoscută CNCISIS, având codul 178]
4. **Cosmina , Ivan** - *Ingineria produselor informatice* ,Editura Roprint 2005, ISBN 973-656-810-5 ,pp 210, [Editura RisoPrint este recunoscută CNCISIS, având codul 178]
5. **Cosmina Ivan** ,*Arhitecturi paralele de la sisteme la aplicații*,Editura Risoprint Cluj Napoca 2001,pp 272, ISBN 973-9464-89-0, 254 pag. [Editura RisoPrint este recunoscută CNCISIS, având codul 178]
6. **Cosmina Ivan**, V. Dadarlat ,*Rețele locale de calculatoare - Lucrări practice*, UT-Press 2001, pp 256, ISBN-973-8335-00-0 [Editura UTPres este recunoscută CNCISIS, având codul 161]
7. **Cosmina Ivan**, Z.Baruch, A.Rarau - *Arhitecturi paralele de calcul* , Lito UTCN,1999, pp154
8. D. Racovitan, L. Rusu, **Cosmina Ivan** - *Învățământ la distanță bazat pe Internet* ,Casa Cărții de Știință" Cluj Napoca 2000,pp 256, ISBN 252-434-0-23

### Alte publicații

- C. Ivan , Introducere în baze de date relaționale , 2014 (Web)
- C. Ivan , Introducere în baze de date – lucrări practice, 2013 ( Web)
- C. Ivan, Tehnologii pentru calcul paralel și distribuit – lucrări practice, 2014 (Web)
- C. Ivan – Cluster Computing, University of Limerick Reprographics, 2002
- C. Ivan – Introduction to Web technologies, University of Limerick Reprographics, 2001.

### Capitol de carte Springer și Procedia Computer Science (4)

1. **Cosmina Ivan**, *Experiences on implementing a QoS aware architecture on a DHT based broker overlay* , WCIT Istanbul World Conference on Information Technology , 6-10 oct 2010 Bahcesehir University Istanbul Turkey pp 1262-1270, **Procedia Computer Science Elsevier** vol. 3/ 2011, ISSN: 1877-0509 ,doi: 10.1016/j.procs.2011.01.002, [ISI Web of Science][Scienedirect] [Scopus]
2. **Cosmina Ivan**, Vasile Dadarlat, *A tool for evaluating event based middleware*, WCIT Istanbul World Conference on Information Technology 6-10 oct 2010 Bahcesehir University Istanbul Turkey pp 1283-1295,**Procedia Computer Science Elsevier**, vol. 3/2011,ISSN: 1877-0509,doi: 10.1016/j.procs.2011.01.005, [ISI Web of Science][Scienedirect] [Scopus]
3. **Cosmina Ivan** ,*Communication Balancing for Wireless Nodes in a LAN-WAN Cluster* in " ADVANCED ENVIRONMENTS, TOOLS, AND APPLICATIONS FOR CLUSTER COMPUTING, Lecture notes in Computer Science 2002, Volume 2326/2002, pp189-196, book edited by Grigoras D, Nicolau A, Toursel B, Folliot B,**Springer Verlag London** ,ISBN :978-3-540-43672-0 (Print) 978-3-540-47840-9. [ISI Proceedings] [ACM Digital Library]
4. **Cosmina Ivan** , *A cluster based approach for wireless routing protocols*, Lecture Notes in Parallel and distributed systems, International Workshop on Cluster Computing, Mangalia 2001, **Springer Verlag Heidelberg** , 2001, pp 567-573, ISBN 974-1-457-6 [ISI Proceedings] [ACM Digital Library]

### Articole publicate în jurnale indexate ISI (Web of Science) (10)

1. **Cosmina Ivan**, *A web based Publish-Subscribe framework for Mobile Computing* , IJACSA- International Journal of Advanced Computer Science and Applications, Vol. 5, No. 4 , pp 103-112,**2014** ,ISSN 2156-5570,DOI

:10.14569/IJACSA.2014.050416,[**ISI Web of Science**]

2. **Cosmina Ivan**, D. Borza. *A framework for accessing data resources on the Internet exposed as RESTful web services*, Proceedings of the first Networked Digital Technologies 2009 ,3-10 July **2009** Ostrava, Czech Republic, pp 202-208. NDT , July **2009** ISBN 978-1-4244-4615-5.Print ISBN - 978-1-4244-4614-8, CD ISBN 978-1-4244-4615-5. DOI:10.1109/NDT.2009.5272070[ISI Proceedings][Scopus]
3. **Cosmina Ivan**, A. Dolha. *The Aware-Hospital: an architecture for mediating social awareness amongst hospital clinicians*. Proceedings of the First Networked Digital Technologies –Republic, 3-10 July **2009**, Ostrava, Czech , pp 301-307. NDT 2009 Print ISBN978-1-4244-4614-8, CD ISBN 978-1-4244-4615-5. DOI:10.1109/NDT.2009.5272127 [ISI Proceedings] [Scopus]
4. **Cosmina Ivan** ,Vasile Dadarlat .*Enhancing QoS Support for CCM Based Middleware*.,*Proceedings of the 13th WSEAS International Conference on Computers*, July 23-25, **2009**, Rodos, Greece,pp 601-606, ISSN:1790-5109, ISBN:978-960-474-099-4,[**ISI Web of Science**] [**Scopus**]
5. V Cionca , **Cosmina Ivan** – *A QoS Mechanism for component based middleware* ,**IEEE- ICCP 2007**, Cluj Napoca Romania, ISBN 1-4244-1491-1 pag 263-271,DOI: 10.1109/ICCP.2007.4352173 ,[ISI Proceedings] [Scopus]
6. M.Chintoanu, V.T. Dadarlat ,**Cosmina Ivan**, *A Specific Approach for Modelling a Middleware Component Providing Dynamic Reconfiguration of a Distributed System*, Proceedings of **IEEE- ICCP 2006**, Cluj Napoca Romania, pag 175-181, ISBN 978-973-662-234-2, [ISI Proceedings]
7. **Cosmina Ivan** ,V. Dădârlat , “QoS- ADAPT - A QoS aware architecture for distributed components , Proceedings of CCCT 2004 Conference, Austin,Editors Texas, USA, Edts Chu, HW; Savoie, M; Sanchez, B., August 2004, vol. 3, ISBN 980-6560-17-3 [ISI Proceedings]
8. V. Dădârlat, **Cosmina Ivan**, Coffey,T., *RP-Ware: A Middleware for Architecting Programmable Routing Protocols*, **IEEE CCECE'02** Winnipeg, Canada, 12-15 May, **2002**, vol.3 pp. 1436-1441, ISBN 0-7803-7514-9,DOI: 10.1109/CCECE.2002.1012964 [ISI Proceedings][Scopus]
9. V.Dadarlat, T. Coffey, **Cosmina Ivan**, *A Personalized Approach for Teaching Web-Based Curriculum in Communications & Computer Networks*, IEEE CCECE'02 Winnipeg, 12-15 May, **2002**, vol.2 pp. 732-737, ISBN 0-7803-7514-9,DOI: 10.1109/CCECE.2002.1013032 ,[ISI Proceedings][Scopus]
10. **Cosmina Ivan**, Vasile Dădârlat, K.Pusztai, *Managing Complexity of Designing Routing Protocols via a Middleware Approach*, **CaiSE'02, 2002** Conference on Advanced Information Systems Engineering, Toronto, Canada, May 2002, pp 672-681, ISBN 0-65703-3421-72/01, publicată în **Springer Verlag** Editors: Lectures Notes in Computer Science, Berlin, ISSN 0302-9743, volume 2348/**2002**, pp. 737 ,DOI: 10.1007/3-540-47961-9\_57 ,[**ISI Web of Science**][**ACM**]

#### **Articole publicate în jurnale indexate în baze de date internaționale ( BDI/B+)(9)**

1. **Cosmina Ivan**, T.A.Vlas – *An integrated approach for management of activities, documents and evaluation of learning process with mobile component*, IJCA 2016, vol. 139 no1, doi 10.5120/ijca2016909089[BDI]
2. **Cosmina Ivan**,A.Moldovan – *Twitrends- a real time trending topics detection systems for Twitter social network*, 2016, IJCA, Vol 152, No4,oct 2016, doi 10.5120/ijca2016911785 [BDI]
3. **Cosmina Ivan**, Razvan Popa, *A Cloud based mobile dispatching system with buildt –in social CRM component: Design and implementation*,*MDPI Basel, Swiss, ComputersJournal*, **2015**, 4/3 176-214; ISSN 2073-431X, DOI:10.3390/computers4030176,2 July 2015, [DBLP][INSPEC/IET]
4. Andrei Nuc, **Cosmina Ivan**, Revedere – *Distributed Support System for code review process*, International Journal of Computer Applications , **2015**,IJCA, Volume 115No.14, April **2015**, ISSN : 0975 – 8887, ISBN : 973-93-80886-05-

8,DOI:10.5120/20216-2488,[BDI]

5. **Cosmina Ivan**, R. Balag, *An initial approach for a NFC M-Ticketing urban transport system*, Scientific Research Publishing, SCIRP, Journal of Computers and Communications, **2015**, 3, pp 42-64,DOI dx.doi.org/10.4236/jcc.2015.36006, [BDI][EBSCO]
6. **Cosmina Ivan**, Radu Cojocari, *A first design approach to a multimedia SDK based on a hybrid P2P architecture*, World Journal of Computer Applications and Technology Vol3 no2, pp Horizon Research Publishing , ISSN 2331-4990 ,**2015**, DOI: 10.13189/wjcat.2015.030101 [BDI][EBSCO]
7. **Cosmina Ivan**, Razvan Popa, *Cloud based Cross Platform Mobile Applications -building and integrating cloud services with mobile client applications*, ACSIJ Advances in Computer Science: an International Journal, Vol. 3, Issue 2, No.8 , March **2014** ,ISSN : 2322-5157, [Google Scholar]
8. **Cosmina Ivan**, Vasile. Dadarlat ,*A Conceptual Framework and implementation for developing Event based QoS aware architectures*, **Acta Tehnica Napocensis** , volum 51 numar 4/ **2010**, pp23-30, ISSN 1221-6542. [ BDI/B+] [Proquest]
9. E. Todoran ,N. Papaspyrou ,F. Boian ,**Cosmina Ivan** ,*Continuation Semantics for Concurrency and Concurrent Languages Prototyping*, Rosyys 2004 , *Scientific Annals of A.I. Cuza University*, 15:22-37, 2004, ISSN 7-545-75 [DBLP]

## Lucrări publicate în reviste și volume de conferințe cu referenți (neindexate)(22)

### Studii publicate în volumele unor manifestări științifice internaționale recunoscute din străinătate

1. V. Dadarlat, **Cosmina Ivan**, “Design of a Personalized Approach for Teaching Web-based Curriculum in ‘Data & Computer Networks’”, Proceedings of CCCT 2004 Conference, Austin, Texas, USA, August 2004, vol. 5, ISBN 980-6560-17-5.
2. **Cosmina Ivan** ,V. Dădârlat,, “QoS- ADAPT - A QoS aware architecture for distributed components”, Proceedings of CCCT 2004 Conference, Austin, Texas, USA, August 2004, vol. 3, ISBN 980-6560-17-3.
3. **Cosmina Ivan**, V.T. Dadarlat , A Framework for design of Web-based personalized courses, the 12-th, EAEEIE, Annual Conference on Innovation in Education for Electrical and Information Engineering, April 2002,France , pp 332-338 ISSN 256-34-678-9.,
4. **Cosmina Ivan**, A prototype for optimizing Web browsing in wireless environment. In C. Montgomerie & J. Viteli (Eds.), Proceedings of World Conference on Educational Media and Technology 2001 (p. 817). Association for the Advancement of Computing in Education (AACE).[editlib.org]

### Studii publicate în volumele unor manifestări științifice internaționale din țară

1. **Cosmina Ivan** , A framework for QoS-enabled middleware, **INES 2004**, UTPress pp 359-36, 5ISBN 973 662- 120 – 0
2. **Cosmina Ivan** , Quality of service provisioning in middleware, **AQTR2004**,Utpress thome 4S21, pp 305-311, ISBN 973-713-046-4
3. **Cosmina Ivan** Concepts , Models and services for QoS aware middleware , Analele Universității din Oradea. 2004, pp18-24ISSN 1223-2106
4. V. Dădârlat, **Cosmina Ivan**, M.Dragomiroiu . ‘Development of a Web-based Personalized System for Teaching Curriculum in ‘Computer Networks’’, In: Proceedings of **CSCS14/2003** Conference, I.Dumitrache (ed.). Bucuresti , Romania: ‘Politehnica’ University, C90: pp. 484-490, 2-5 July 2003, ISBN 973-8449-17-0
5. **Cosmina Ivan**, Concepts, models and services for QoS-aware middleware, **EMES 2003**, Oradea, , section A - Computer Science and Reliability - pg. 71 -81 ISBN973-8546-42-9
6. **Cosmina Ivan**, V. T. Dădârlat, “QoS & Mobility in the Internet Next Generation”, **CSCS 12/2001**, Bucharest, Romania, May 2001, pp 367-373, ISBN 973 - 85237–1–0

7. **Cosmina Ivan**, K. Puzstai, An adaptable QoS provisioning service for distributed objects, **CSCS14** – 2-5 July 2003, Bucharest , Politehnica press pag 412-421, ISBN 973-8449-17-0
8. **Cosmina Ivan**, Concepts, models and services for QoS-aware middleware, **EMES 2003**, Oradea, section A - Computer Science and Reliability - pp. 71 -81 , ISBN973-8546-42-9
9. **Cosmina Ivan**,V. T. Dadarlat, Management aspects in Active Networks, the 7th International Conference **EMES-2001** Engineering of Modern Electric Systems, May 2001, Oradea
10. **Cosmina Ivan**, K. Puzstai, Architectural Framework for Active Networks, the 7th International Conference **EMES-2001** Engineering of Modern Electric Systems, May 2001, Oradea
11. **Cosmina Ivan**, V.T. Dadarlat, QoS & Mobility in the Internet Next Generation, **CSCS13/ 2002**,Bucharest, May 2002, pp367-373, ISBN 973 - 85237 – 1 –0
12. K. Puzstai, **Cosmina Ivan**, A Network Management Architecture enabled by Java Technology, **CSCS12/ 2001**, Bucharest, May 2001, pp359-366ISBN 973 - 85237 – 1 –0 .
13. Kalman Puzstai, V. T. Dadarlat, **Cosmina Ivan**, *The experience of evolution from a Computer Networks TEMPUS Center to Regional Cisco academy*, Tempus National symposium Sibiu, 27-28 oct, 2000, pp 124 –131, ISBN 973 – 8118-37-9
14. **Cosmina Ivan** , *Some brief approach of middleware interoperability solutions*, **SINTES 10/2000**, The International Symposium on Systems Theory, Automation, Robotics,Computers, Informatics, Electronics,and Instrumentation, May 2000, Craiova, C225 , ISBN 973 –98836-6-4
15. **Cosmina Ivan**, *A framework for network management in Active Networks*, **SINTES 10/2000**, The International Symposium on Systems theory, Automation, Robotics,Computers, Informatics, Electronics,and Instrumentation, May 2000, Craiova, C 69, ISBN 973 –98836-6-4
16. **Cosmina Ivan**, *Quality of Service management architecture using CORBA*, CITTI, Constanta,25-27 May 2000., pp 180-184, ISBN 97 – 8082 –10-2
17. **Cosmina Ivan**, *An architecture at application level using Active Networks* , **Q&A-R2000 Theta 12**, International conference on Control, Robotics and automatics, May 2000, pp56-74 , ISBN 764-23-456-3.
18. **Cosmina Ivan**, V.T. Dadarlat, *NOW – a new paradigm for high performance computers*, **CONTI Conference 2000**, Timisoara, Oct. 2000, pp 93-99, ISSN1224 – 600x