1. # Atilla ELÇİ

2. **Born:** 05 July 1945

3. **Title: Prof. Dr., Emeritus**

4. **Education:**

Title	Dept.	Faculty	University	Years att'd
B.Sc (Honor roll)	Electrical Engineering (Computer/Control)	Engineering	METU, Turkey	1964-70
M.Sc.	Computer Sciences	Graduate School	Purdue Univ., USA	1972-73
Doktorate (5.60/6.00)	Computer Sciences	Graduate School	Purdue Univ., USA	1973-75

5. **Academic Titles:**

Instructor	Computer Engineering	Engineering Faculty	METU, Turkey	1976-77
Asst. Prof.	Computer Engineering	Engineering Faculty	METU, Turkey	1978-83
Assoc. Prof.	Software Engineering	Engineering Faculty	METU, Turkey	1983-85
Prof.	Computer Engineering	Engineering Faculty	Toros Univ., Turkey	2010-2011
Prof.	Computer-based LTE	Education Faculty	Süleyman Demirel U., Turkey	2011-2012
Prof.	Electronics	Engineering Faculty	Aksaray U., Turkey	2012 - 2017

2. ACADEMIC & PROFESSIONAL EXPERIENCE

Years	Title	Organization	Department
1973-75	Research Asst.	Purdue U., USA	Physics/High Energy Ph. Lab.
1976-85	Inst., Asst.Prof., Assoc.Prof.	METU, Turkey	Computer Engineering
1978-81	Assist. Chairman	METU, Turkey	Comp. Eng., METU Comp Center
1981-83	Chairman	METU, Turkey	Comp. Eng., METU Comp Center
1985-97	Chief Tech Adviser (project design & exec.)	International Telecommunication Union, Switzerland	Development Section
1997-2003	Owner, manager	IT&T Information Technology and Telecoms Industry & Trade Ltd., Ankara, TR.	Informatics services
2001-03	Assoc. Prof., Chairman	Haliç University, Turkey	Computer Engineering
2003-09	Assoc. Prof.	Doğu Akdeniz University, TRNC	Computer Engineering
2005-09	Founder, Director	Doğu Akdeniz University, TRNC	Internet Technologies Research Center (ITRC)
2008-09	Rector's coordinator	Doğu Akdeniz University, TRNC	Informatics/ Campus Automation
2010-11	Prof.	Toros Univ., Turkey	Computer Engineering
2010-11	Founder, Act. Director	Toros Univ., Turkey	Science Institute
2010-11	Member	Toros Univ., Turkey	Univ. Senate & Exec Council
2011-11	Dean	Toros Univ., Turkey	Engineering Faculty
2011-12	Prof., Chairman	Süleyman Demirel U., Turkey	Computer-based LTE
2011-12	Elected professors representative	Süleyman Demirel U., Turkey	Eğitim Fak. YK
2012	Founding Director	Süleyman Demirel U., Turkey	Eğitim Bilimleri Enst.
2012-17	Prof., Chairman	Aksaray U., Turkey	Elektrik-Elektronik Müh. Böl.

2012-17	Elected professors' representative	Aksaray U., Turkey	Engineering Faculty Exec. Council
2012-17	Chief	Aksaray U., Turkey	Electronics
2013-17	Chief	Aksaray U., Turkey	Science Institute Electrcial-Electronics & Computer Engineering

3. SCHOLARSHIPS & INTERNATIONAL EXPERIENCE

Dates	Purpose	Organization & Country
1972 February- 1975 December	Scholarship for Ph.D. study	Ministry of National Education (1416), in the USA
1984-1997	Informatics Specialist, Chief Technical Advisor, Project design & execution	In about 30 countries for UNDP/ITU.

4. Ph.D.

ELCI, A., Factors Affecting The Program Size of Control Functions of Operating Systems, Ph.D. Thesis, Purdue University, December 1975.

ELCI, A., The Dependence of Operating System Size Upon Allocatable Resources, Computer Science Technical Reports no: CSD-TR 75-172, Dept. of Computer Science, Purdue University, 1975. http://docs.lib.purdue.edu/cstech/117/.

5. SCIENTIFIC PUBLICATIONS

In SCI & SSCI & Arts and Humanities Journals:

- Duygu Çelik and Atilla Elçi (First online Dec 2020). A Survey on Semanticized and Personalized Health Recommender Systems. Expert Systems. 2020; 37:e12519 https://doi.org/10.1111/exsy.12519

- Atilla Elçi and Duygu Çelik (Feb 2020). Special Issue: e-Health and Staying Smarter. Expert Systems, 37/1. https://onlinelibrary.wiley.com/toc/14680394/2020/37/1

- Atilla Elçi and Duygu Çelik (Feb 2020). Special Issue on Disease Classification for Smart Health. Expert Systems, 37/1. https://doi.org/10.1111/exsy.12517. https://onlinelibrary.wiley.com/doi/full/10.1111/exsy.12517

- Atilla Elçi and Duygu Çelik (Feb 2020). Special Issue on Ontology-Based Smart Medical Solutions. Expert Systems, 37/1. https://doi.org/10.1111/exsy.12518. https://onlinelibrary.wiley.com/doi/10.1111/exsy.12518

- Duygu Çelik and Atilla Elçi (March 2014). Semantic composition of business processes using Armstrong's Axioms. *The Knowledge Engineering Review*, Vol. 29:2, 248–264. Cambridge University Press, 2014. doi:10.1017/S0269888914000083. (SCI). ISSN: 0269-8889 http://journals.cambridge.org/repo_A92IA4Dd

- Xiaoying Bai, Atilla Elçi, Mohammad Zulkernine (2014): Special issue on "Trustworthy Software Systems for the Digital Society", *Journal of Systems and Software* (Impact Factor: 1.14). Vol 89 /1, 01/2014. ISSN: 0164-1212 Pp: 1-98. doi:10.1016/j.jss.2013.12.041 SCI-E. http://www.sciencedirect.com/science/article/pii/S0164121214000144

- Duygu ÇELİK, Atilla ELÇİ, Necati İNAN, Eray ELVERİCİ, Alev ELÇİ (Feb. 2014): Web Ontoloji Dili (OWL) Yoluyla Gelişimsel Bozukluğu Olan Bireylere Yönelik Eğitsel Etkinlik Keşif Sistemi (Educational Activity Discovery System for Individuals with Pervasive Developmental Disorders through Web Ontology Language (OWL)). *Eğitim ve Bilim (Education and Science)*, 2014, Vol. 39, No 171. Pp:52-73. ISSN: 1300-1337. SSCI

http://egitimvebilim.ted.org.tr/index.php/EB/article/view/2112/623

-   Duygu ÇELİK, Atilla ELÇİ (2013): A broker-based semantic agent for discovering Semantic Web services through process similarity matching and equivalence considering quality of service. *Science China Information Sciences* Volume 56 Issue 1 pp:012102:1–012102:24. Jan. 2013. ISSN: 1674-733X (Print) 1869-1919 (Online) (SCI). http://link.springer.com/article/10.1007/s11432-012-4697-1

-   Elçi, A., Pieprzyk, J., Orgun, M., & Chefranov, A. (eds., Nov. 2012): Editorial: Special Issue on The Design and Engineering of Cryptographic Solutions for Secure Information Systems. Security and Communication Networks Journal (Wiley, SCI-E), Volume 7, Issue 1, pp: 33-156 (Wiley, SCI-E, ISSN: 1532-0626). Article first published online: 8 NOV 2012, DOI: 10.1002/sec.646. http://onlinelibrary.wiley.com/doi/10.1002/sec.646/pdf. Issue published online: 27 Dec 2013.

-   Duygu Çelik and Atilla Elçi (Jan. 2011). Towards a semantic-based workflow model to composition of OWL-S based atomic processes through process similarity matching and inferencing techniques. Journal of Internet Technology Volume 12 (2011) No.1, pp: 153-170. ISSN: 1607-9264, Published by: Taiwan Academic Network Executive Committee. (SCI-E)

-   Atilla Elçi, Mamadou Kone, and Mehmet Orgun (Guest Editors, Nov. 2011): Special Issue on ESAS (Engineering Semantic Agent Systems) comprising of 3 papers and Editors introduction. In Expert Systems: The Journal of Knowledge Engineering, ISSN: 0266-4720, Wiley/Blackwell. V:28, I: 5, Pp: 410-487. (SCI-E journal; http://onlinelibrary.wiley.com/doi/10.1111/exsy.2011.28.issue-5/issuetoc).

-   Atilla Elci, Behnam Rahnama, and Amirhasan Amintabar (May 2010): Tracking Reported Vehicles in Traffic Management and Information System using Intelligent Junctions. In Special Issue on Vehicular Wireless Networks and Vehicular Intelligent Transportation Systems, Journal of Information Science and Engineering, V.26, N.3, May 2010, pp: 883-896. ISSN: 1016-2364. (SCI-E). http://www.iis.sinica.edu.tw/page/jise/2010/201005_10.html

-   Atilla Elci and Behnam Rahnama: Towards Decidable Reasoning Using Hybrid Autoepistemic Operators. In Expert Systems: The Journal of Knowledge Engineering, ISSN: 0266-4720, Wiley/Blackwell. (Accepted; awaiting issue assignment). (SCI-E)

-   Atilla Elçi (July 2005), "A Metadata for E-Learning Coordination through Semantic Web Languages", The Turkish Online Journal of Educational Technology – TOJET Journal, ISSN: 1303-6521, Volume 4, Issue 3, Article 3. Pp: 12-17. (http://www.tojet.net/articles/v4i3/433.pdf) (became SSCI subsequently).

Other Indexed International Journals:

- Al-Rawy, M. and Elçi, A. (2019). Secure i-Voting Scheme with Blockchain Technology and Blind Signature. Journal of Digital Science Vol.1, Iss. 1, December. Pp: 3-14. https://doi.org/10.33847/2686-8296.1.1_1

- Narayanasamy, S., Muruganantham. D. & Elçi, A. (2019). Crisis and disaster situations on social media streams: An ontology-based knowledge harvesting approach. Interdisciplinary Journal of Information, Knowledge, and Management, 14, 343-366. https://doi.org/10.28945/4420, https://www.informingscience.org/Publications/4420

- KOYUNCU, E , ELÇİ, A . (2018). İLÇE BELEDİYE ÇALIŞANLARININ ÖRGÜTSEL BAĞLILIK DÜZEYLERİ: AKSARAY İLİ ÖRNEĞİ (ORGANIZATIONAL LOYALTY LEVELS OF DISTRICT MUNICIPAL EMPLOYEES: AKSARAY SAMPLE). International Journal of Entrepreneurship & Management Inquiries (EMI), 2 (2), 64-73. Retrieved from http://dergipark.gov.tr/ijemi/issue/38649/434827

- Alev Elçi, Vural Merve, & Atilla Elçi (2017). Changing Role of Faculty Members in Technology Enhanced Learning Environments: Faculty Members 4.0. TOJET Turkish Online Journal of Educational Technology, Special issues for ITEC 20171009, pp: 1004-9.

- A. Elci, S. Bakshi, M.N. Sahoo, Editorial: Special issue on "Resilient networks: Modeling, design, and applications", Digital Communications and Networks (2017), doi: 10.1016/j.dcan.2017.10.003.

- Afrah Ramadhan, Firas Mahmood, Atilla Elci (Feb. 2017). Image denoising by median filter in wavelet domain. The International Journal of Multimedia & Its Applications (IJMA) Vol.9, No.1, pp: 31-40, February 2017. ISSN: 0975 – 5934, e-ISSN :0975 – 5578, DOI: 10.5121/ijma.2017.9104. http://aircconline.com/ijma/V9N1/9117ijma04.pdf. http://arxiv.org/abs/1703.06499

- Aissa FELLAH, Mimoun MALKI and Atilla ELÇİ (2016). A Similarity Measure across Ontologies for Web Services Discovery. International Journal of Information Technology and Web Engineering, Volume 11 • Issue 1 • January-March 2016, ISSN:1554-1045. pp: 22-43. DOI: 10.4018/IJITWE.2016010102. ESCI.

- Aissa FELLAH, Mimoun MALKI and Atilla ELÇİ (2016). Web Services Matchmaking Based on a Partial Ontology Alignment. International Journal of Information Technology and Computer Science (IJITCS), Vol. 8, No. 6, June 2016, PP.9-20. ISSN: 2074-9007 (Print), ISSN: 2074-9015 (Online), MECS Publisher. DOI: 10.5815/ijitcs.2016.06.02. p: 9-20 http://www.mecs-press.org/ijitcs/ijitcs-v8-n6/IJITCS-V8-N6-2.pdf

- Atilla Elçi, Oleg Borisovich Makarevich, Manoj S. Gaur, and Mehmet A. Orgun (2016). Special Issue on Security of Information and Networks. International Journal of Information Security and Privacy. Volume 10 • Issue 3 • July-September-2016 • ISSN: 1930-1650 • eISSN: 1930-1669. IGI Global. Pp: iv-vi, 1-86

- Atilla Elçi, Mehmet A. Orgun, Alexander Chefranov, Manoj Singh Gaur (eds. 2015). Editorial: Special issue on security of information and networks. Journal of Information Security and Applications, Volume 22, June 2015, Pages 1-122. ISSN: 2214-2126. Elsevier. DOI: 10.1016/j.jisa.2015.06.002

- Elçi, A., Pieprzyk, J., Orgun, M., & Chefranov, A., Shankaran, R. (eds., 2013): Special Issue on Next Generation Network Architectures, Protocols, Theory, Systems and Applications. Networking Science (by Springer-Verlag). Volume 2, Issue 3-4, July 2013. ISSN: 2076-0310. Pp: 67-134. (http://link.springer.com/journal/13119/2/3/page/1)

- Atilla Elci: Text Classification by PNN-based Term Re-weighting. International Journal of Computer Applications 29(12):7-13, September 2011. Published by Foundation of Computer Science, New York, USA. 10.5120/3701-5188. ISSN: 0975 – 8887. Indexed: ProQuest, EBSCO, ScientificCommons. Digital Library URI: http://www.ijcaonline.org/archives/volume29/number12/3701-5188.

- A. Elçi, M. Kone, T. Dillon (guest editors, Aug. 2008): Multiagent and Grid Systems Journal (MAGS) Special Section on Engineering Semantic Agent Systems, Volume 4, Number 3, 2008, pp: 293-346. Includes a 2-page editorial and three research papers. Pp: 245-346. ISSN: 1574-1702 http://dblp.org/rec/journals/mags/ElciKD08

- D. Çelik and A. Elçi (2008): Ontology-based QoS Model for Appropriate Selection and Composition of Web Services. International Review on Computers and Software, Praise Worthy Prize S.r.l. - March 2008, Vol. 3, No. 2, pp: 176-184. ISSN:1828-6003. http://www.praiseworthyprize.com/IRECOS-latest/IRECOS_vol_3_n_2.html#Ontology-based QoS Model for Appropriate Selection and Composition of Web Services

- D. Çelik and A. Elci (2008). Provision of Semantic Web Services through an Intelligent Semantic Web Service Finder. In Multiagent and Grid Systems - An International Journal, Volume 4, Number 3, March 2008, pp: 315-334. ISSN: 1574-1702. DOI: 10.3233/MGS-2008-4306

- Zafer Erenel, Selahattin Kuru, and Atilla Elçi (2008): Performance of Static Agent Architecture using Centralized Matchmaking. In Sinoeuropean Engineering Research Forum Journal. ISSN: 1757-4307, Vol. 1, July 2008, pp. 17-22. (doi: sai: serf.2008.07.033) (http://siwn.org.uk/press/sai/serf0001.htm; http://siwn.org.uk/events/2008/SERF08.htm)

International conference papers printed in refereed proceedings:

- Al-Rawy M., Elci A. (2019): A Design for Blockchain-Based Digital Voting System. In: Antipova T., Rocha A. (eds) Digital Science. DSIC 2018: 32nd International Symposium on Distributed Computing. Advances in Intelligent Systems and Computing, vol 850. Springer, Cham. Pp: 397-407, DOI: 10.13140/RG.2.2.28347.67360. https://link.springer.com/chapter/10.1007/978-3-030-02351-5_45 <mark>Recieved Best Paper Award</mark>.

- O. Tacyildiz, D. C. Ertugrul, Y. Bitirim, N. Akcan and A. Elci, "Ontology-Based Obesity Tracking System for Children and Adolescents," 2018 IEEE 42nd Annual Computer Software and Applications Conference (COMPSAC), Tokyo, Japan, 2018, pp. 329-334. doi:10.1109/COMPSAC.2018.10252

- KOYUNCU, E. ve ELÇİ, A. (2018): Organizational Loyalty Levels of District Municipal Employees: Aksaray Sample (in Turkish: İlçe Belediye Çalışanlarının Örgütsel Bağlılık Düzeyleri: Aksaray İli Örneği). In Proc. Uluslararası EMI Sosyal Bilimler Kongresi, 27-29 April 2018, Lefkoşa, TRNC.

- Alev Elçi, Merve Vural, Atilla Elçi (2017). Changing Role of Faculty Members in Technology Enhanced Learning Environments: Faculty Members 4.0. In proc. International Educational Technology Conference, 16-18 August 2017, Harvard University Campus, Cambridge, MA, USA.

- KOYUNCU, E. ve ELÇİ, A. (2017): İlçe Belediye Çalışanlarının Örgütsel Bağlılık ile İştatmini Arasındaki İlişkinin Belirlenmesine Yönelik Bir Araştırma: Aksaray Örneği (in English: A Survey Aimed at Determining Relation Between Organizational Commitment and Job Satisfaction of District Municipality Workers: Aksaray Context). In proc. Mediterranean International Conference on Social Sciences (ed. Recai Aydın), 19-22 May 2017, University of Donja Gorica, Podgorica, Montenegro. Pp: 332-342.

- Duygu Çelik Ertugrul, Atilla Elçi, Yiltan Bitirim (2017). An Intelligent Tracking System: Application to Acute Respiratory Tract Infection (TrackARTI). In Proc. IEEE ESAS 2017: The 12th IEEE International Workshop on E-Health Systems and Semantic Web, in conjunction with 2017 IEEE 41st Annual Computer Software and Applications Conference (COMPSAC), Year: 2017, Volume: 02, Pages: 137 - 142. DOI: 10.1109/COMPSAC.2017.58.

- Duygu Çelik Ertuğrul, Hakan Kanmaz, Mehmet Uğur Yüksel, Atilla Elçi, Mehmet Ertuğrul, Fetal Heart Rate Monitoring System (FHRMS), IEEE ESAS 2016: The 11th IEEE International

Workshop on E-Health Systems and Semantic Web Held in conjunction with COMPSAC, IEEE 40th Annual Computer Software and Applications Conference (COMPSAC), 10–14 June, 2016, Atlanta, USA.

- Mehmet Akif Çifçi, Duygu Çelik Ertuğrul, Atilla Elçi, A Search Service for Food Consumption Mobile Applications via Hadoop and MapReduce Technology, IEEE ESAS 2016: The 11th IEEE International Workshop on E-Health Systems and Semantic Web Held in conjunction with COMPSAC, IEEE 40th Annual Computer Software and Applications Conference (COMPSAC), 10–14 June, 2016, Atlanta, USA.

- KOYUNCU, E. ve ELÇİ, A. (2016): Yunus ve Taptuk Emre. In Proc. (eds. Mehmet Sami YILDIZ, Ayşegül CAN, Mehmet ÖZKAYA, and Vildan ARMAĞAN) I. Uluslararası Aksaray Sempozyumu (Tarih, Kültür, Din, Medeniyet), 27-29.10.2016, Aksaray, TR. Pp: 1064-1068. ISBN 978-605-88368-2-2, Aralık 2016.

-
- Duygu Çelik Ertuğrul, Hakan Kanmaz, Mehmet Uğur Yüksel, Atilla Elçi ve Mehmet Ertuğrul (2016). Fetal Heart Rate Monitoring System (FHRMS). In Proc. 40th IEEE Annual International Computers, Software and Applications Conference, ESAS '16. June 10-14. IEEE CS & IEEE Xplore. 2016, Volume: 2, Pages: 65 - 70, DOI: 10.1109/COMPSAC.2016.116. http://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=7552180

-
- Mehmet Akif Çifçi, Duygu Çelik Ertuğrul ve Atilla Elçi (2016). A Search Service for Food Consumption Mobile Applications via Hadoop and MapReduce Technology. In Proc. 40th IEEE Annual International Computers, Software and Applications Conference, ESAS '16. June 10-14. IEEE CS & IEEE Xplore. 2016, Volume: 2. Pages: 77 - 82, DOI: 10.1109/COMPSAC.2016.35

-
- Elci, A. (2015). (Invited Talk) Generating a Standardized Upper Ontology for Security of Information and Networks. ICC3- Computational Intelligence, Cyber Security and Computational Models, 17-19 December 2015, PSG College of Technology, Coimbatore – 641004, India. http://www.psgtech.edu/icc3-2015/

- Elçi, A. (2014): (Keynote Talk & paper) Isn't the time ripe for a standard ontology on security of information and networks? In Proc. SIN 2014 Security of Information and Networks, Proc. of the Seventh International Conference on Security of Information and Networks (SIN 2014; eds.: Poet, R., Elci, A., Gaur, M.S., Orgun, M.A. and Makarevich, O.), 9-11 September 2014, Glasgow, UK. Published by ACM, ISBN 978-1-4503-3033-6. Pp:1-3. doi>10.1145/2659651.2664291; http://dl.acm.org/citation.cfm?id=2664291

- Rajamanickam, N., Nadarajan, R. and Elçi, A. (2014). Formal Verification of Finite State Transactional Security Policy. In Proc. The 8th International Conference on Network and System Security (NSS 2014; eds.: Man Ho Au, Barbara Carminati, C.-C. Jay Kuo), 15-17 October 2014, Xian, China. Springer *Lecture Notes in Computer Science* 8792, Springer 2014, ISBN 978-3-319-11697-6. Pp: 363-376. http://link.springer.com/chapter/10.1007%2F978-3-319-11698-3_28

- Duygu Çelik, Atilla Elçi, Rıdvan Akçiçek, Bora Gökçe, Pelin Hürcan (2014). Mobile Pediatric Consultation and Monitoring System through Semantic Web Technology. In Proc. 38th Annual International Computers, Software and Applications Conference ESAS '14, pp. 354-359. DOI 10.1109/COMPSACW.2014.61

- Duygu Çelik, Atilla Elçi, Rıdvan Akçiçek, Bora Gökçe, Pelin Hürcan (2014). A Safety Food Consumption Mobile System through Semantic Web Technology. In Proc. 38th Annual International Computers, Software and Applications Conference ESAS '14, 21–25 July, 2014. pp.348-353. DOI 10.1109/COMPSACW.2014.126

- Behnam Rahnama, Makbule Canan Özdemir, Yunus Kıran, Atilla Elçi (2013): Design and Implementation of a Novel Weighted Shortest Path Algorithm for Maze Solving Robots. In Proc. the 8th IEEE International Workshop on Engineering Semantic Agent Systems, held in conjunction with 37th COMPSAC 2013, the IEEE Signature Conference on Computers, Software, and Applications, Kyoto, Japan, July 22-26. IEEE Computer Society, Volume II.

ISBN 978-0-7695-4987-3. DOI 10.1109/COMPSACW.2013.49. pp: 328-332. http://ieeexplore.ieee.org/document/6605811/

- Duygu Çelik, Aşkın Karakaş, Gülşen Bal, Cem Gültunca, Atilla Elçi, Başak Buluz, Murat Can Alevli (2013): Towards an Information Extraction System based on Ontology to Match Résumés and Jobs. In Proc. the 8th IEEE International Workshop on Engineering Semantic Agent Systems, held in conjunction with 37th COMPSAC 2013, the IEEE Signature Conference on Computers, Software, and Applications, Kyoto, Japan, July 22-26. IEEE Computer Society, Volume II. ISBN 978-0-7695-4987-3. DOI 10.1109/COMPSACW.2013.60. pp: 333-338.

- ÇELİK, D., ELÇİ, A., ORGUN, M.A., RAHNAMA, B. & UNLAND, R. (2013): Message from the Workshop Organizers. In Proc. the 8th IEEE International Workshop on Engineering Semantic Agent Systems, held in conjunction with 37th COMPSAC 2013, the IEEE Signature Conference on Computers, Software, and Applications, Kyoto, Japan, July 22-26. IEEE Computer Society, Volume II. ISBN 978-0-7695-4987-3. DOI: 10.1109/COMPSACW.2013.139. pp: xxxii-xxxiii.

- Alev ELÇİ, Atilla ELÇİ (2013): Contemplating on Technology Enhanced Professional Development Models for STEM-Focused Pre-Service Teacher Educators. In Proc. (eds. Cojocaru-Borozan Maia, Sadovei Larisa, Zagaievschi Corina, Ilaşcu Yurie, Turcak Lilia, & Nigai Olga) Teachers Professional Culture: Current Requirements, International Scientific Symposium, Chisinau, Republic of Moldova, 16-17 May 2013. pp:260-2. ISBN: 978-9975-46-149-8.

- Rahnama, Behnam, Elçi, Atilla, Özerdem, Cankat: Design and Implementation of Cooperative Labyrinth Discovery Algorithms in Multi-Agent Environment. The International Conference on Technological Advances in Electrical, Electronics and Computer Engineering (TAEECE2013) Mevlana University, Konya, Turkey, May 9-11, 2013. Pp:573-578. ISBN: 9781467356121. http://sdiwc.net/conferences/2013/taeece2013/; DOI: 10.1109/TAEECE.2013.6557338

- Duygu ÇELİK, Atilla ELÇİ (2012). An ontology-based information extraction approach for Résumés. Proc. ICPCA7/SWS4 Pervasive Computing and the Networked World, 28-30 November 2012, Istanbul Aydın University, Istanbul, Turkey. LNCS volume 7719 **Chapter,** Pervasive Computing and the Networked World (Eds. Qiaohong Zu, Bo Hu, Atilla Elçi) in the series Lecture Notes in Computer Science pp 165-179. DOI: 10.1007/978-3-642-37015-1_14. ISBN: 978-3-642-37014-4. Published 2013.

-
- Behnam Rahnama, Atilla Elçi, Ibukun Eweoya (2012): Fine tuning the advanced encryption standard (AES). In Proc. Manoj Singh Gaur, Atilla Elçi, Oleg B. Makarevich, Mehmet A. Orgun, Virendra Singh (Eds.): Proc. 5th International Conference of Security of Information and Networks, SIN '12, Jaipur, India, October 22 - 26, 2012. ACM 2012, ISBN 978-1-4503-1668-2. DOI: 10.1145/2388576.2388609. Pp.205-209

-
- Duygu ÇELİK, Atilla ELÇİ, Esra ÇALIK, Ayman Khalil (2012): Development of Semantic Model and Information Exploration System for TV Media. In Proc. the 7th IEEE International Workshop on Engineering Semantic Agent Systems, held in conjunction with COMPSAC 2012, the IEEE Signature Conference on Computers, Software, and Applications, İzmir, Turkey, July 16-20. Xiaoying Bai, Fevzi Belli, Elisa Bertino, Carl K. Chang, Atilla Elçi, Cristina Seceleanu, Haihua Xie, and Mohammad Zulkernine (eds, 2012). IEEE Computer Society, Volume II. Pages: 637 – 642. ISBN 978-0-7695-4736-7. DOI: 10.1109/COMPSACW.2012.115.

- Duygu ÇELİK, Atilla ELÇİ, Eray Elverici, Necati İnan (2012): Educational Activity Finder for Children with Pervasive Developmental Disorder through a Semantic Search System. In Proc. the Industrial Track, the 36th IEEE Signature Conference on Computers, Software, and Applications, İzmir, Turkey, July 16-20. Xiaoying Bai, Fevzi Belli, Elisa Bertino, Carl K. Chang, Atilla Elçi, Cristina Seceleanu, Haihua Xie, and Mohammad Zulkernine (eds, 2012). IEEE Computer Society, Volume I. ISBN 978-0-7695-4736-7. Pages: 482 - 487, DOI: 10.1109/COMPSAC.2012.84

- Behnam RAHNAMA, Atilla ELÇİ, Shadi METANI (2012): An Image Processing Approach to Solve Labyrinth Discovery Robotics Problem. In Proc. the 7th IEEE International Workshop on Engineering Semantic Agent Systems, held in conjunction with COMPSAC 2012, the IEEE Signature Conference on Computers, Software, and Applications, İzmir, Turkey, July 16-20. Xiaoying Bai, Fevzi Belli, Elisa Bertino, Carl K. Chang, Atilla Elçi, Cristina Seceleanu, Haihua Xie, and Mohammad Zulkernine (eds, 2012). IEEE Computer Society, Volume II. ISBN 978-0-7695-4736-7. Pp: 631-636. DOI: 10.1109/COMPSACW.2012.114

- Atilla Elçi, Behnam Rahnama, & Makvandi, Reza (2011): Microcontroller-Based Implementation of ParseKey+ for Limited Resources Embedded Applications. In Proc. Fourth International Conference on Security of Information and Networks (SIN 2011), Sydney, Avustralya, 14-19 Kasım 2011, ACM Press, ISBN: 978-1-4503-1020-8. pp: 259-262.

- Duygu Çelik, Atilla Elçi, Eray Elverici (2011): Finding Suitable Course Material through a Semantic Search Agent for Learning Management Systems of Distance Education. Proc. 6th IEEE International Workshop on Engineering Semantic Agent Systems (ESAS 2011) in conjunction with the 35th Computer Software and Applications Conference (COMPSAC 2011), Munich, Germany, July 18 - 22, 2011. ISBN: 978-0-7695-4459-5/11. Pp: 386-391. DOI: 10.1109/COMPSACW.2011.71.

- Elçi, A., Rahnama, B., Bakhshi, B., and Sadeghi, H. M. (2011): A Secure Scheme for Friend or Foe Identification in Battle Scene. The Third International Conference on Wireless & Mobile Networks (WiMo-2011), June 26 ~ 28, 2011, by www.airccse.org, Ankara, Turkey. Paper is to be included in Proc. of http://coneco2009.com/Wimone2011/index.html. (Invited talk).

- Elçi, A. & Rahnama, B. (2011): Hibrit Bilgi-Kuramsal İşleçler Eliyle Kararlı Usavurmaya Doğru (In Turkish; Towards Decidable Reasoning through Hybrid Auto-Epistemic Operators). In Proceeding (ed. Haluk Güneş) 4. Engineering and Technology Symposium, Çankaya Üniversitesi, Ankara, 28-29 April 2011, ISBN: 978-975-6734-09-4, 383-391. (Invited paper).

- Atilla Elçi, Behnam Rahnama, Ramin Bakhshi, Hamid Mir-Mohammad Sadeghi (2011): A Novel and Simple-to-Implement Friend and Foe Identification System in Multi-Robot Battlefield. In Proc. International Joint Robotics Symposium (IJRCS 2009), 20-24 May 2009. SDU International Journal of Technological Sciences, V.3, N.1 (2011), e-ISSN: 1309-1220. pp: 23-36. PDF

- Behnam Rahnama, Atilla Elçi, Hamid Mir-Mohammad Sadeghi, Ramin Bakhshi (2010): Semantic Intelligent Decision Maker Self Localizing Client CLDR. In Proc. of The 6th International Symposium on Electrical and Electronics Engineering and Computer Systems (EEECS'10), European University of Lefke, Gemikonağı, Northern Cyprus, pp. 67-71.

- Rahnama, B., Elçi, A., Celik, S. (2010): Securing RFID-based Authentication Systems Using ParseKey+, Security of Information and Networks, Proc. Third International Conference on Security of Information and Networks (SIN 2010), 7-11 October 2010, Taganrog, Rostov, Russia; (Oleg Makarevich, Atilla Elçi, Lyudmila Babenko, & Maxim Anikeev (eds.)). ACM Press, 2010, ISBN: 978-1-4503-0400-9. Pages 212-217.

- Apaydın, A., Çelik, D. & Elçi, A. (2010): Semantic Image Retrieval Model for Sharing Experiences in Social Networks, 5th IEEE International Workshop on Engineering Semantic Agent Systems (ESAS 2010) in conjunction with the 34th Computer Software and Applications Conference (COMPSAC 2010, Sponsored by IEEE Computer Society, Seoul, South Korea, July 19 - July 23, 2010. DOI: 10.1109/COMPSACW.2010.11. ISBN 978-0-7695-4105-1. Pp: 1-6

- Duygu Çelik and Atilla Elci (2010): Ontology-based QoS Queuing Model for Selection of Web Services Servers. 5th IEEE International Workshop on Engineering Semantic Agent Systems (ESAS 2010) in conjunction with the 34th Computer Software and Applications Conference (COMPSAC 2010), Sponsored by IEEE Computer Society, Seoul, South Korea, July 19 - July 23, 2010. IEEE Computer Society Press, ISBN 978-0-7695-4105-1. Page(s):7-12. DOI: 10.1109/COMPSACW.2010.12

- Pooyan Balouchian, Amin Almassian, & Atilla Elci: OWL Manipulation toward Building Semantic Applications and Agents. In Proc. 4th IEEE International Workshop on Engineering Semantic Agent Systems (ESAS 2009) in conjunction with 33rd COMPSAC, 20-24 July 2009, Seattle, WA, USA. IEEE CPS. V: 2 Pages: 56 - 61, DOI: 10.1109/COMPSAC.2009.115. ISBN 978-0-7695-3726-9

- Duygu Çelik, Atilla Elçi: Semantic Web Enabled Composition of Semantic Web Services. In Proc. 4th IEEE International Workshop on Engineering Semantic Agent Systems (ESAS 2009) in Proc. the 33rd Computer Software and Applications Conference (COMPSAC 2009), 20-24 July 2009, Seattle, WA, USA (Eds.: Ahamed, S.I., Bertino, E., Chang, C.K., Getov, V., Liu, L., Hua Ming, and Subramanyan, R.) V.II, pp: 46-51. IEEE CPS. DOI: 10.1109/COMPSAC.2009.113. ISBN 978-0-7695-3726-9

- Behnam Rahnama, Atilla Elçi, Ramin Bakhshi, Alirad Malek, and Arjang Ahmadi: Microcontroller-based AWGNG for Security Enhancement of Embedded Real-time Web Services. In Proc. 2nd IEEE International Workshop on Real-Time Service-Oriented Architecture and Applications (RTSOAA 2009) in Proc. The 33rd Computer Software and Applications Conference (COMPSAC 2009), 20-24 July 2009, Seattle, WA, USA (Eds.: Ahamed, S.I., Bertino, E., Chang, C.K., Getov, V., Liu, L., Hua Ming, and Subramanyan, R.) V.II, pp: 110 - 115. IEEE CPS. DOI: 10.1109/COMPSAC.2009.123. ISBN 978-0-7695-3726-9

- Atilla Elçi and Behnam Rahnama: AWGN based Seed for Random Noise Generator in ParseKey+. In Proc. Int'l Conf. on Security of Information and Networks (SIN 2009), Atilla Elçi, Mehmet Orgun, and Alexander Chefranov (editors), 6-10 October 2009, Salamis Bay Conti Resort Hotel, Gazimagusa, TRNC, North Cyprus. ACM Press, 2009. ISBN: 978-1- 60558-412-6. pp 244-248. http://doi.acm.org/10.1145/1626195.1626256 at Proceedings at ACM Digital Library.

- Moein Mehrolhassani and Atilla Elçi (2008): OLS: An Ontology Based Information System. Proceedings of International Workshop on Ontology Alignment and Visualization (OnAV-2008), held in conjunction with the Second International Conference on Complex, Intelligent and Software Intensive Systems (CISIS 2008), 4-7 March, 2008, Technical University of Catalonia, Barcelona, Spain. Published by IEEE CPS, 2008, ISBN: 978-0-7695-3109-0, pp: 892-896.

- Kiavash Bahreini and Atilla Elçi (2008): Semantic Annotation and Revision Control. In Proc. 4th Intl. Con. on Web Info. Systems & Technologies (WEBIST 2008), 4-7 May 2008, Funchal, Madeira, Portugal. pp: 294-297. Vol. 2, ISBN 978-989-8111-27-2.

- Hussam Abuazab and Atilla Elçi (2008): Processing and Managing Complex OWL Data. In Proc. 4th Intl. Con. on Web Info. Systems & Technologies (WEBIST 2008), 4-7 May 2008, Funchal, Madeira, Portugal. pp: 237-240. Vol. 2, ISBN 978-989-8111-27-2.

- Atilla Elçi and Behnam Rahnama (2008): Securing The Enterprise Semantic Web Resources: Towards Secured OWL? In Proc. 10th Information Security International Research Conference (ISIRC'08), 23 – 27 June 2008, Taganrog, Russia. Vol. 1, pp: 302-308. Invited Paper.

- Elci, A., B. Rahnama, and K. Bahreini (2008): Embedding Matrices Ontology into Math Software Engines to Support Reasoning and Mission Oriented Calculation in Developing Semantic Agents. In Proc. The 2008 International Conference on Semantic Web and Web Services (SWWS'08), of the 2008 World Congress in Computer Science, Computer Engineering, and Applied Computing (WORLDCOMP'08), July 14-17, 2008, Las Vegas, USA. Pp: 294-297. ISBN 1-60132-089-2

- Muhammad Reza Fatemi, Atilla Elci and Zeki Bayram (2008): A Proposal to Ontology Security Standards. In Proc. The 2008 International Conference on Semantic Web and Web Services (SWWS'08), of the 2008 World Congress in Computer Science, Computer Engineering, and Applied Computing (WORLDCOMP'08), July 14-17, 2008, Las Vegas, USA. pp. 183-186. ISBN 1-60132-089-2

- Muhammad Reza Fatemi, Shima Izadpanahi, and Atilla Elci (2008): Semantic Annotation of Images. In Proc. The 2008 International Conference on Semantic Web and Web Services (SWWS'08), of the 2008 World Congress in Computer Science, Computer Engineering, and Applied Computing (WORLDCOMP'08), July 14-17, 2008, Las Vegas, USA. ISBN 1-60132-089-2. Pp: 21-25

- Elci, B. Rahnama, and S. Kamran (2008): Defining a Strategy to Select Either of Closed/Open World Assumptions on Semantic Robots. In Proc. 32nd IEEE Annual International Computer Software and Applications Conference (COMPSAC 2008), 28 July - 1 August 2008, Turku, Finland. Computer Software and Applications, 2008.COMPSAC '08. 32nd Annual IEEE International, IEEE Computer Society Press, Page(s):417-423. DOI: 10.1109/COMPSAC.2008.182

- Kiavash Bahreini and Atilla Elci (2008): SDISSASA: A Multiagent-Based Web Mining via Semantic Access to Web resources in Enterprise Architecture. In Proc. 3rd IEEE International Workshop on Engineering Semantic Agent Systems (ESAS 2008) in conjunction with COMPSAC 2008, 28 July 2008, Turku, Finland. Computer Software and Applications, 2008. COMPSAC '08. 32nd Annual IEEE International, IEEE Computer Society Press, Page(s):553 – 558. DOI: 10.1109/COMPSAC.2008.100

- Kiavash Bahreini and Atilla Elci (2008): A New Software Architecture for J2EE Enterprise Environments via Semantic Access to Web sources for Web Mining by Distributed Intelligent Software Agents. In Proc. First IEEE International Workshop on Engineering Open Complex Systems: Metasynthesis of Computing Paradigms (EOCS-MCP 2008), 28 July 2008, Turku, Finland. Computer Software and Applications, 2008. COMPSAC '08. 32nd Annual IEEE International, IEEE Computer Society Press, Page(s): 902 – 907. DOI: 10.1109/COMPSAC.2008.102

- Duygu Çelik and Atilla Elci (2008): Ontology-based QoS Model for Appropriate Selection and Composition of Web Services. In Proc. 1st IEEE International Workshop on Semantics for Business Process Management (SemBPM 2008), 1 August 2008, Turku, Finland. Computer Software and Applications, 2008. COMPSAC '08. 32nd Annual IEEE International, IEEE Computer Society Press,Page(s):993 – 998. DOI: 10.1109/COMPSAC.2008.208

- Omid Sharifi, Maryam Eskandari, and Atilla Elçi (2008): Tourism Industry Semantic Web Using Objective Genetic Algorithms. In Proc. 5th Int'l Symposium on Electrical and Computer Systems (EECS'08), 27-28 November 2008, European University of Lefke, Gemikonagi, TRNC. pp: 247-252.

- Kiavash Bahreini and Atilla Elci (Dec 2007): Enterprise Semantic Information Search System Based on New Music and Audio Ontology Integrating Existing Ontologies, in *Proc. the Australasian Ontology Workshop (AOW2007), held in Conjunction with The Australian Joint Conference on Artificial Intelligence* (AI 2007), 2-6 December 2007, Gold Coast, Queensland, Australia; *Conferences in Research and Practice in Information Technology, Vol. 85. Editors, Thomas Meyer and Abhaya C. Nayak.* Pages 7-13. ISBN: 978-1-920682-66-8. ISSN: 1445-1336. http://crpit.com/confpapers/CRPITV85Bahreini.pdf

- Elci and B. Rahnama: Human-Robot Interactive Communication Using Semantic Web Technologies in Design and Implementation of Collaboratively Working Robots, *Proc. Robotics '07 (ROMAN 2007)*, August 26-29, 2007, Jeju Island, Korea. Robot and Human interactive Communication, 2007. RO-MAN 2007. The 16th IEEE International Symposium on. DOI: 10.1109/ROMAN.2007.4415093, pp: 273 – 278.

- Rahnama B. and A. Elci: ParseKey+: a Five-Way Strong Authentication Procedure as an Approach to Client/Server Impersonation Avoidance Using Steganography for Key Encryption, in *Proc. the 2007 International Conference on Security and Management (SAM'07)*, June 25-28, 2007, Las Vegas, USA, in the federated conferences The 2007 World Congress in Computer Science, Computer Engineering, and Applied Computing (WORLDCOMP'07).

- Rahnama and A. Elci: Applying ParseKey+ as a New Multi-Way Client and Server Authentication Approach to Resolve Imperfect Counter Utilization in IEEE802.11i for Impersonation Avoidance. In *Proc. International Conference on Security of Information and*

Networks (SIN 2007) (Editor: A. Elci, S. Ors, B. Preneel), pp. 308-320, Gazimagusa, TRNC, 7-10 May 2007, Trafford Publishing, ISBN: 978-1-4251-4109-7. Pp: 308-320

- Rahnama, B. & Elçi, A., A Novel No-Latency Simple-to-Implement Sender-Based Packet Loss Recovery Techniques for Multimedia Streams. Proc. 7th International Symposium on Computer Networks (ISCN'06), June 16-18, 2006, Boğaziçi Univ., Istanbul, Turkey, IEEE 2006, pp: 192-196. ISBN: 1-4244-0491-6. (EI Index, INSPEC)

- Elçi, A. & Rahnama, B., XMLEase: A Novel Access- and Space-Efficiency Model for Maintaining XML Data in Relational Databases. Proc of the 2006 International Conference on Semantic Web and Web Services (SWWS'06), June 26-29, 2006, Las Vegas, USA, in the federated conferences The 2006 World Congress in Computer Science, Computer Engineering, and Applied Computing (WORLDCOMP'06) by World Academy of Sciences, June 26-29, 2006, Las Vegas, USA. ISBN: 1-60132-016-7, pp:186-192.

- Çelik, D. & Elçi, A. (2006): Discovery and Scoring of Semantic Web Services Based on Client Requirement(s) through a Semantic Search Agent. Proc. IEEE International Workshop on Engineering Semantic Agent Systems (ESAS 2006), pp: 273-278 in Vol. 2 of Proc 30th COMPSAC Annual International Computer Software & Applications Conference, 17-21 September 2006, Chicago, Illinois, USA, IEEE Computer Society Press, ISBN 0-7695-2655-1. pp: 273-278 Volume II. (EI Index, INSPEC)

- Elçi, A., Rahnama, B., and Amintabar, A., Security through Traffic Network: Tracking of Missing Vehicles and Routing in TMIS using Semantic Web Services, Proc. IEEE Int'l. Conf. on Tech. for Homeland Security and Safety 2006 (TEHOSS06), 9-13 October 2006, Istanbul, Turkey; pp: 337-349. (EI Index, INSPEC)

- Gayde, Erhan and Elçi, Atilla: Educational Uses of Semantic Tourism Information System. Proc. 6th International educational Technology Conference", IETC 2006, Gazimagusa, TRNC, 19-21 April 2006, Vol. 2, pp: 712-716.

- Gayde, Erhan & Elçi, Atilla, OASF: Ontology Appropriateness Score Finder, Proc. 4th FAE International Symposium, European University of Lefke, Gemikonağı, Lefke, TRNC 30 Nov. – 1 Dec. 2006, ISBN: 975-98897-1-4. pp: 407-410.

- Elçi, Atilla & Rahnama, Behnam. Applying Semantic Web In Engineering A Modular Architecture For Design And Implementation Of A Cooperative Labyrinth Discovery Robot. Proc. 4th FAE International Symposium, European University of Lefke, Gemikonağı, Lefke, TRNC 30 Nov. – 1 Dec. 2006, ISBN: 975-98897-1-4. pp: 447-452.

- D. Çelik and A. Elçi (2006): A Semantic Search Agent Discovers Suitable Web Services According to an E-Learning Client Demand, Proc. 6th International educational Technology Conference (IETC 2006), Gazimagusa, TRNC, 19-21 April 2006, Vol. 1, pp: 416-424.

- Elçi, Atilla and Rahnama, Behnam: Considerations on a new Software Architecture for Distributed Environments using Autonomous Semantic Agents, 29. Compsac, IWSC 2005, 26-28 July 2005, Edinburgh, UK, IEEE, ISBN: 0-7695-2413-3, ISSN: 0730-3157, pp.: 133-138. (EI Index, INSPEC)

- Çelik, Duygu and Elçi, Atilla: Searching Semantic Web Services: An intelligent agent approach using semantic enhancement of client terms and Matchmaker Step. International Conference on Computational Intelligence for Modelling, Control and Automation and International Conference on Intelligent Agents, Web Technologies and Internet Commerce (CIMCA-IAWTIC'06), Volume: 2. Pages: 916 - 922, DOI: 10.1109/CIMCA.2005.1631585. 28-30 November 2005, Vienna, Austria. Proceeding: IEEE Publ. (EI Index, INSPEC).

- Çelik, Duygu and Elçi, Atilla (2005): A Semantic search agent approach: Finding appropriate semantic Web services based on user request term(s). Enabling Technologies for the New Knowledge Society. 5-6 December 2005, Cairo, Egypt. Proc.: IEEE publ. (EI Index, INSPEC). Pp: 675-687. ISBN: 0-7803-9270-1.

- Elçi, Atilla, Köseoğlu, A., Behram, B., Bahçeci, Ç., Çelik, D., Olgu, G., Özüölmez, k., Gürel, M. U.: *Crossup: Marking up for Cross-Language Semantic Retrieval*. 3rd FAE International Symposium, 25-26 November 2004, Gemikonağı, TRNC; in Proceedings (Balasubramanian, K., editor) by European University of Lefke 2004, ISBN: 975-98897-0-6, pp.: 295-302. (http://www.lefke.edu.tr/symp/faesymp2004.htm).

- Elçi, Atilla: *Ethics and Morality of Online Content: Considering the Diversity of Regulation and Ethics when Joining Strategic Partnerships*, Global & Regional Alliances In Telecommunications, The Hyatt Regency, Singapore, 19-20 November, 1997. (invited talk)

- Elçi, Atilla: *Ultimate Networking Intelligence*, ITU Asia Telecom '97, Singapore, 8-14 September '97.

- Elçi, Atilla: *Protocol-X-Over-ATM: Effecting Future Services National Backbone*, ITU Telecom Interactive '97 Exhibition and Forum, Geneva, 8-14 September '97. In *Challenges to the network 1997: Telecoms and the Internet 1st edition*, 1997. ISBN: 92-61-06591-0. http://www.itu.int/opb/publications.aspx?lang=en&media=paper&parent=S-POL-IR.CNTI-1997 http://www.itu.int/opb/publications.aspx?lang=en&media=electronic&parent=S-POL-IR.CNTI-1997.

International books & Chapters:

- Sathiyamoorthi, V. & Elçi, Atilla (eds., contracted for 2020). Challenges and Applications of Data Analytics in Social Perspectives. IGI Global. https://www.igi-global.com/publish/call-for-papers/call-details/4038

- Ashish Kr. Luhach & Atilla Elçi (eds., contracted for 2020). Artificial Intelligence Paradigms for Smart Cyber-Physical Systems. IGI Global. https://www.igi-global.com/e-resources/infosci-ondemand/

- Al-Rawy, Mahmoud and Elçi, Atilla (in print 2020). Advanced Security Using Blockchain and Distributed Ledger Technology. In Security and Trust Issues in the Internet of Things: Blockchain to the Rescue (Eds: Sudhir Kumar Sharma, Bhuvan Unhelkar), CRC Press, Taylor & Francis, USA. (Info: https://easychair.org/cfp/iotbc-2020) https://www.routledge.com/Security-and-Trust-Issues-in-Internet-of-Things-Blockchain-to-the-Rescue/Sharma-Bhushan-Unhelkar/p/book/9780367490652

- Oleg Makarevich, Ludmila Babenko, Maxim Anikeev, Atilla Elçi, and Hossain Shariar (eds, 2019). Proc. SIN 2019 International Conference in Security of Information and Networks, 12-15 September 2019, Sochi, Russia. ISBN: 978-1-4503-7242-8. https://dl.acm.org/doi/proceedings/10.1145/3357613

- Elçi, A., Sa, P. K., Modi Ch. N., Olague, G., Sahoo, M. N. and Bakshi, S. (2019). Smart Computing Paradigms: New Progresses and Challenges - Proceedings of ICACNI 2018, Volumes 1 & 2. Springer Nature Singapore Pte Ltd., 152 Beach Road, #21-01/04 Gateway East, Singapore 189721, Singapore. https://link.springer.com/book/10.1007/978-981-13-9683-0 https://link.springer.com/book/10.1007/978-981-13-9680-9

- Elçi, Alev, Beith Linda L., & Elçi, Atilla (May 2019). Handbook of Research on Faculty Development for Digital Teaching and Learning. Hershey, PA: IGI Global. Pp: 575. ISBN13: 9781522584766, ISBN10: 1522584765, EISBN13: 9781522584773, DOI: 10.4018/978-1-5225-8476-6. https://www.igi-global.com/book/handbook-research-faculty-development-digital/218140

- Elçi, A. (ed., 2018 May). Contemporary Perspectives on Web-Based Systems (pp. 1-541). Hershey, PA: IGI Global. May 2018. ISBN13: 9781522553847 ISBN10: 1522553843 EISBN13: 9781522553854 DOI: 10.4018/978-1-5225-5384-7 https://www.igi-global.com/book/handbook-research-contemporary-perspectives-web/188847

- Railean, E., Elçi, A., & Elçi, A. (2017). Metacognition and Successful Learning Strategies in Higher Education (pp. 1-307). Hershey, PA: IGI Global. doi:10.4018/978-1-5225-2218-8. ISBN: 978-1522522188

- Elci, Atilla, Elci, Alev, & Celik, D. (2016). Semantic Modelling for E-Learning Coordination. In Badrul Khan (Ed.), *Revolutionizing Modern Education through Meaningful Implementation*. IGI Global. A volume in the Advances in Educational Technologies and Instructional Design (AETID) Book Series, IGI Global. Pp: 197-231. ISBN13: 9781522504665; ISBN10: 1522504664; EISBN13: 9781522504672; DOI: 10.4018/978-1-5225-0466-5 http://www.igi-global.com/book/revolutionizing-modern-education-through-meaningful/146987

- Elci, A. (2016). Generating a Standardized Upper Ontology for Security of Information and Networks. Proc. of ICC3- Computational Intelligence, Cyber Security and Computational Models (Eds. Muthukrishnan Senthilkumar, Vijayalakshmi Ramasamy, Shina Sheen, C. Veeramani, Anthony Bonato and Lynn Batten), Volume 412 of the series Advances in Intelligent Systems and Computing pp 27-32. Print ISBN 978-981-10-0250-2, Online ISBN 978-981-10-0251-9. Springer Singapore. http://link.springer.com/chapter/10.1007/978-981-10-0251-9_4.; http://www.springer.com/gp/book/9789811002502

- Railean E., Walker, G., Elci, A., Liz, J. (Nov. 2016). *Handbook of Research on Applied Learning Theory and Design in Modern Education*. IGI Global, USA. 2016. ISBN13: 9781466696341, ISBN10: 1466696346, EISBN13: 9781466696358; DOI: 10.4018/978-1-4666-9634-1. Pp. 866 http://www.igi-global.com/book/handbook-research-applied-learning-theory/137060.

- Railean, E., Elçi, A., Çelik, D., Elçi, A. (2015). Metasystems Learning Design Approach For STEM Teaching And Learning. Chapter 3 in *STEM Education: An Overview of Contemporary Research, Trends, and Perspectives* (Editor: Elliott C. Ostler), Cycloid Publications, a subsidiary company of I3-Solutions, PO Box 572 Elkhorn, Nebraska 68022, USA. ISBN 978-0-9966741-1-9, pages 54-83.

- Makarevich, O., Babenko, L., Anikeev, M., Poet, R., Elçi, A., Gaur, M.S. and Orgun, M. (2015). Proc. 8th International Conference on Security of Information and Networks, Sept. 8-10, 2015, Sochi, Russia. ACM, Inc., NY, NY, USA. ISBN 978-1-4503-3453-2.

- Orgun, M., Elçi, A., Pieprzyk, J., & Chefranov, A., Shankaran, R., Wang, H. (eds., 2015): Editorial: Special Issue on Trust and Security in Wireless Sensor Networks. Concurrency and Computation: Practice and Experience (Wiley, SCI-E)(Published online in Wiley Online Library (wileyonlinelibrary.com). DOI: 10.1002/cpe.3497). ISSN: 1532-0626. http://onlinelibrary.wiley.com/doi/10.1002/cpe.v27.15/issuetoc

- Pierangelo Veltri, Young-Rae Cho, Atilla Elci, and Duygu Celik (eds.). ACM SIGBioinformatics Record - Special Issue on E-Health Systems and Semantic Web: Volume 5 Issue 2, September 2015.

- Poet, R., Elci, A., Gaur, M.S., Orgun, M.A. and Makarevich, O. (eds., 2014): Security of Information and Networks, *Proceedings of the Seventh International Conference on Security of Information and Networks* (SIN 2014), 9-11 September 2014, Glasgow, UK. Published by ACM, ISBN 978-1-4503-3033-6. http://dl.acm.org/citation.cfm?id=2659651

- Elçi, A., Chefranov, A., Gaur, M.S., Orgun, M.A., Makarevich, O. B., and Çelik, Y. (eds. 2013): Security of Information and Networks, *Proceedings of the Sixth International Conference on Security of Information and Networks* (SIN 2013), 26-28 November 2013, Aksaray, Turkey. Published by ACM, ISBN 978-1-4503-2498-4/13/11. http://dl.acm.org/citation.cfm?id=2523514

- Elçi, A., Pieprzyk, J., Chefranov, A., Orgun, M., Wang, H. & Shankaran, R. (eds., 2013): *Theory and Practice of Cryptography Solutions for Secure Information Systems*. IGI Global, May 2013. DOI: 10.4018/978-1-4666-4030-6, ISBN13: 9781466640306, ISBN10: 1466640308, EISBN13: 9781466640313. http://tinyurl.com/d8wg7l2

- Qiaohong Zu, Bo Hu, Atilla Elçi (Eds.): *Pervasive Computing and the Networked World* - Joint International Conference, ICPCA/SWS 2012, Istanbul, Turkey, November 28-30, 2012, Revised Selected Papers. Lecture Notes in Computer Science 7719, Springer 2013, Print ISBN 978-3-642-37014-4; Online ISBN 978-3-642-37015-1.

- Manoj Singh Gaur, Atilla Elçi, Oleg B. Makarevich, Mehmet A. Orgun, Virendra Singh (Eds.): *Proc. 5th International Conference of Security of Information and Networks*, SIN '12, Jaipur, India, October 22 - 26, 2012. ACM 2012, ISBN 978-1-4503-1668-2 http://www.informatik.uni-trier.de/~ley/db/conf/sin/sin2012.html

- Xiaoying Bai, Fevzi Belli, Elisa Bertino, Carl K. Chang, Atilla Elçi, Cristina Seceleanu, Haihua Xie, and Mohammad Zulkernine (eds, 2012): *Proceedings of the 36th Annual IEEE International Computer Software and Applications Conference* - COMPSAC 2012 Trustworthy Software Systems for the Digital Society. IEEE Computer Society. Volumes I & II. ISBN 978-0-7695-4736-7

- Duygu Çelik and Atilla Elçi (2011): *Composition of OWL-S based Atomic Processes - Towards a Semantic-based Workflow Model*. LAP Lambert Academic Publishing. ISBN: 978-3-8465-5140-0. Date: 2011 Nov. 25 (Hardcopy and e-book).

- Mehmet A. Orgun, Atilla Elçi, Oleg B. Makarevich, Sorin A. Huss, Josef Pieprzyk, Lyudmila K. Babenko, Alexander G. Chefranov, Rajan Shankaran (Eds.): *Proceedings of the 4th International Conference on Security of Information and Networks*, SIN 2011, Sydney, NSW, Australia, November 14-19, 2011. ACM 2011, ISBN 978-1-4503-1020-8. http://www.informatik.uni-trier.de/~ley/db/conf/sin/index.html

- Atilla Elçi, Mamadou T. Kone, and Mehmet A. Orgun (Editors, 2011): *Semantic Agent Systems-Foundations and Applications*. Edited book, Vol. 344 in Studies in Computational Intelligence Series by Springer-Verlag, ISBN 978-3-642-18307-2. pp: XVI+315. http://www.springer.com/engineering/mathematical/book/978-3-642-18307-2

- Duygu Çelik and Atilla Elçi (2011): Ontology-based Matchmaking and Composition of Business Processes, Book Chapter on *Semantic Agent Systems-Foundations and Applications*, Atilla Elçi, Mamadou T. Kone, and Mehmet A. Orgun (Editors:), V. 344 in Studies in Computational Intelligence Series by Springer-Verlag, pp: 133-157. ISBN 978-3-642-18307-2

- Atilla Elçi, Mehmet Albayrak, Ahmet Ünveren (eds.): *Proceedings of the Second International Joint Robotics Symposium* (IJRCS 2009),. SDÜ International Journal of Technological Sciences, Vol. 3 N.1 (2011), ISSN 1309-1220. http://edergi.sdu.edu.tr/index.php/utbd/issue/view/392

- Oleg Makarevich, Atilla Elçi, Lyudmila Babenko, & Maxim Anikeev (eds.), Security of Information and Networks, *Proc. Third International Conference on Security of Information and Networks* (SIN 2010), Taganrog, Rostov, Russia. ACM Press, 2010, ISBN: 978-1-4503-0400-9.

- Elçi, A., Orgun, M., & Chefranov, A. (eds.): *Proceedings of the Second International Conference on Security of Information and Networks* (SIN 2009), the Association for Computing Machinery, Inc. (ACM), 2009. ISBN: 978-1-60558-412-6. Hardcopy & proceedings book at ACM Digital Library.

- Atilla Elçi & B. Rahnama (2009): Semantic Robotics: Cooperative Labyrinth Discovery Robots for Intelligent Environments. In *Complex Systems in Knowledge-Based Environment: Theory, Model, and Application* (Editors: A. Tolk & L. C. Jain) in Series: Studies in Computational Intelligence , Vol. 168, pp: 163-198, Springer Publishing. Hardcover. ISBN: 978-3-540-88074-5. http://link.springer.com/chapter/10.1007%2F978-3-540-88075-2_7

- Atilla Elçi and Behnam Rahnama (2009). Towards Semantically Intelligent Robots, in Advances in Human-Robot Interaction, Vladimir A. Kulyukin (Ed.), ISBN: 978-953-307-020-9,

InTech, DOI: 10.5772/6824. Available from: http://www.intechopen.com/books/advances-in-human-robot-interaction/towards-semantically-intelligent-robots.

- Balouchian P., Elci A. (2009) Data Portability across Social Networks. In: Nguyen N.T., Katarzyniak R.P., Janiak A. (eds) New Challenges in Computational Collective Intelligence. Studies in Computational Intelligence, vol 244. Springer, Berlin, Heidelberg. ISBN 978-3-642-03957-7, 2009, Hardcover, http://www.springer.com/us/book/9783642039577 in the Springer Studies in Computational Intelligence. October 2009. pp: 181-190. http://link.springer.com/chapter/10.1007/978-3-642-03958-4_16

- Moein Mehrolhassani and Atilla Elçi (2008): Developing Ontology Based Applications of Semantic Web Using UML to OWL Conversion. In The Open Knowledge Society. A Computer Science and Information Systems Manifesto (eds.: Miltiadis D. Lytras, John M. Carroll, Ernesto Damiani, Robert D. Tennyson, David Avison, Gottfried Vossen, Patricia Ordonez De Pablos), Springer Communications in Computer and Information Science, 2008, Volume 19, 566-577, DOI: 10.1007/978-3-540-87783-7_72. ISBN: 9783540877837

- Elçi, A., Ors, B., & Preneel, B. (eds.): *Proceedings of the First International Conference on Security of Information and Networks* (SIN 2007), Trafford Publishing, Canada. 2008. ISBN: 978-1-4251-4109-7. Hardcopy and e-book. http://bookstore.trafford.com/Products/SKU-000157336/Security-of-Information-and-Networks.aspx. https://www.trafford.com/Bookstore/BookDetail.aspx?BookId=SKU-000157336

- Atilla Elci (2007): A Distress Call: Needing Tools to Large-Scale Semantic-Aware Agent Systems. In proc. 31st Annual International Computer Software and Applications Conference (COMPSAC 2007), Volume: 2, Page: 186 - 186. https://ieeexplore.ieee.org/document/4291122/

- Olgu, G. and Elçi, A. (2006): Integrating Ontologies by Means of Semantic Partitioning. In *Canadian Semantic Web*, Semantic Web and Beyond Series, Vol. 2, (Koné, Mamadou Tadiou & Lemire, Daniel, Eds.), Springer, ISBN: 0-387-29815-0. pp: 121-134. Semantic Web and Beyond, 2006, Volume 2, Part 4, 121-134, DOI: 10.1007/978-0-387-34347-1_8

National refereed journal papers:

- Mehmet Akif Çiftçi ve Atilla Elçi (2017). Yapay Zekâ ile Kablosuz Algılayıcı Ağları Eniyileme (Optimizing Wireless Sensor Networks with Artificial Intelligence). Türkiye Bilişim Vakfı Bilgisayar Bilimleri ve Mühendisliği Dergisi, 10 (2), 64-76. Retrieved from http://dergipark.gov.tr/tbbmd/issue/33390/339255

- D. Çelik and A. Elçi (2011): "OWL-S Tabanlı Atomik Süreçlerin Birleşimi Üzerine Semantik Tabanlı İş Akışı Modeli", Çankaya University Journal of Science and Engineering (Ed. Yahya Kemal Baykal), Çankaya Üniversitesi, Ankara, Turkey. V:8, Issue: 1, pp: 75-98. ISSN: 1309 – 6788.

- Çelik and A. Elçi: "Akıllı Anlamsal Ağ Servisi Arayıcısı", *Turkish Informatics Foundation Journal of Computer Science and Engineering (TBV BBMD)*, December 2006, issue no: 2, pp. 31-42, TBV, Istanbul, ISSN: 1305-8991.

- ELÇİ, Atilla: *AB 6. Çerçeve Programa Türk Bilişim Kesiminin Katılımı*, TBD Bilişim Kültürü Dergisi, Aralık 2002, sayı: 84. (Aşağıdaki 3. ve 4. yayınların günlenmiş halidir.)

- ELÇİ, Atilla: *AB 6. Çerçeve Programına Türk Bilişim Kesiminin Katılımı*, TBD Dergi Sayılar: 72-75, 4 bölüm olarak. http://dergi.tbd.org.tr.

- ELÇİ, Atilla: *AB 6. Çerçeve Programı ve Türkiye Bilişim Kesimi*, TBD Bilişim Kültürü Dergisi, Mart 2002, sayı: 81, sayfa: 19-21.

- ELÇİ, Atilla: *eAvrupa+ Girişimi: Türk Bilişim Kesimine Getirdiği Fırsatlar*, TBD Bilişim Kültürü Dergisi, Aralık 2001, sayı: 80, sayfa: 11-15.

National conference papers printed in refereed proceedings:

- KOYUNCU, E. ve ELÇİ, A. (2015): Job Satisfaction Level of County Municipal Employees: Aksaray Sample (in Turkish: İlçe Belediye Çalışanlarının İş Tatmin Düzeyleri: Aksaray İli Örneği). In Proc. II. Yükseköğretim Stratejileri ve Kurumsal İşbirliği Sempozyumu 2015, 22-24 October, Mersin, Turkey.

- BAŞ, Ü., ESER, F., RENÇBER, Ö., ve ELÇİ, A. (2015): A Qualitative Study of Innovation Competency towards Competitive Advantages of Three Firms in Health, Environment and Furniture Sectors (in Turkish: Sağlık, Çevre ve Mobilya Sektöründe Faaliyet Gösteren Üç Firmanın Rekabetçi Üstünlükler Açısından Yenilikçi Yeterliklerinin Belirlenmesine Yönelik Niteliksel bir Çalışma). In Proc. Management National Congress (14. Ulusal İşletme Kongresi) 2015, 7-9 May 2015, Aksaray, Turkey. ISBN :978-605-9831-01-7 (ed. Karadal, H.) Konya: Eğitim yayınevi. S.: 1006-1012.

- KOYUNCU, E. ve Elçi, A. (2015): A Study on Determining Burnout Level of Shift Workers (Aksaray Example) (in Turkish: Vardiyalı Çalışanların Tükenmişlik Düzeylerinin Belirlenmesine Yönelik bir Araştırma (Aksaray Örneği)). In Proc. Management National Congress (14. Ulusal İşletme Kongresi) 2015, 7-9 May 2015, Aksaray, Turkey. ISBN :978-605-9831-01-7 (ed. Karadal, H.) Konya: Eğitim yayınevi. S.: 273-280.

- Elçi, A., Tolun, M.R., Akgün, Ö., Sarı, F., ve Uzun, Y. (2014): Elektrik, Elektronik ve Bilgisayar Alanlarında Üniversite-Sanayi Etkileşimi İçin Öneriler - Aksaray Bağlamı. UNIKOP'14, 2. Bölgesel Kalkınma Sempozyumu, 24 October 2014, Niğde University. Bildiriler Kitabı.

- Elçi, A., Tolun, M.R., Akgün, Ö., Sarı, F., ve Uzun, Y. (2014): Elektrik, Elektronik ve Bilgisayar Alanlarında Üniversite-Sanayi Etkileşimi İçin Öneriler - Aksaray Bağlamı. UNIKOP'14, 2. Bölgesel Kalkınma Sempozyumu, 24 October 2014, Niğde University. Özet Kitabı. Çağrılı Sunuş

- Pembe Gül Altan, Alev Elçi ve Atilla Elçi (2014). Avukatların Yönetim Bilişim Sistemleri ve UYAP kullanımı: Aksaray İli Örneği. Yönetim Bilişim Sistemleri Kongresi (YBS 2014), 16-17 Ekim 2014, Boğaziçi Üniversitesi, İstanbul. Özet Kitabı. http://www.mis.boun.edu.tr/kutlu/ybs2014/ozetler.htm#O119

- Duygu Çelik, Atilla Elçi, Rıdvan Akçiçek, Esra Ekren ve Pelin Hürcan (2014). Semantik Web Teknoloji Yoluyla Mobil Pediatrik Danışma ve Hasta İzleme Sistemi. Tıp Teknolojileri Ulusal Kongresi, TIPTEKNO'14, 25-27 September 2014, Kapadokya, Turkey.

- Duygu Çelik, Atilla Elçi, Rıdvan Akçiçek, Esra Ekren ve Pelin Hürcan (2014). Semantik Web Teknolojileri ile Güvenli Gıda Tüketimi Mobil Sistemi. Tıp Teknolojileri Ulusal Kongresi, TIPTEKNO'14, 25-27 September 2014, Kapadokya, Turkey.

- Erol Koyuncu and Atilla Elçi (2014). Vardiyalı Çalışanların Tükenmişlik Düzeylerinin Belirlenmesine Yönelik Bir Araştırma (Aksaray Örneği). 9. Ulusal Eğitim Yönetimi Kongresi, 8-10 Mayıs 2014, Siirt Üniversitesi, Siirt. http://www.siirt.edu.tr/eyk9/kabuledilenbildiriler.aspx

- Çelik, Duygu, Elçi, Atilla, Çalık, Esra (2012): TV Medyası/Ortamı İçin Anlamsal Veri Modeli ve Bilgi Keşif Sisteminin Geliştirilmesi, 5. Mühendislik ve Teknoloji Sempozyumu (MTS5 2012), Çankaya Universitesi, Ankara, Turkey, April 26-27, 2012. Bildiriler kitabı, S: 134-140.

- Elçi, A. & Rahnama, B.: Hibrit Bilgi-Kuramsal İşleçler Eliyle Kararlı Usavurmaya Doğru. 4. Mühendislik ve Teknoloji Sempozyumu (MTS4 2011), Çankaya Üniversitesi, Ankara, Türkiye, Nisan 28-29, 2011. (Invited speech and paper). Pp: 383-391.

- Çelik, D., Elçi, A., Elverici, E., İnan, N., Çelik, C. (2011): "Uzaktan Eğitim Ders Yönetim Sistemi İçin Anlamsal Tabanlı Kaynak Tarama Ajanı", 4. Mühendislik ve Teknoloji Sempozyumu (MTS4 2011), Çankaya Universitesi, Ankara, Turkey, April 28-29, 2011.

- D. Çelik and A. Elçi: "OWL-S Tabanlı Atomik Süreçlerin Birleşimi Üzerine Semantik Tabanlı İş Akışı Modeli", 3. Mühendislik ve Teknoloji Sempozyumu (MTS3 2010), Çankaya Universitesi, Ankara, Turkey, April 28-31, 2010.

- Tekol, Yüce & Elçi, Atilla, "Site Insight: Sharing Web Users' History", Proc. Bilişim 2006- 23rd National Informatics Conference, Ankara, Turkey, 7-10 Nov. 2006, TBD Publications no: 25 (2006). ISBN: 9944-5291-1-7. pp: 66-69.

- Elçi, A. & Rahnama, B., "Akıllı Kavşak: Trafik Yönetimiyle Kişilerin Yaşam Kalitesini Geliştirmek", Proc. Yapı ve Kentte Bilişim 4. Ulusal Kongresi: Kentte-Dönüşüm: e-Belediyecilik, e-Mühendislik ve e-Kentlilik (4th National Congress of Informatics in Built and Municipality), 8-9 June 2006, Ankara, Turkey; pp: 67-74, TBD Publications, 2006, ISBN: 9944-5291-0-9.

- Rahnama, Behnam ve Elçi, Atilla: *PARSEKEY: Güvenli kimlik belirleme hizmetinde yeni bir yaklaşım*, Ağ ve Bilgi Güvenliği Ulusal Sempozyumu, Istanbul Teknik Üniversitesi ve Elektrik Mühendisleri Odası, 9-12 Haziran 2005, Istanbul, Türkiye. Sayfalar: 108-113. http://abg2005.emo.org.tr/.

- Elçi, Atilla: *e-Türkiye'nin Eşiği: Ortak Belge Tanımları ve XML*, Bilişim Zirvesi 2002, 5 Eylül 2002, Istanbul. (Proceedings on CD).

- Elçi, Atilla: *AB 6. Çerçeve Programı ve Türk Bilişim Kesiminin Beklentisi*, 38. Kütüphanecilik Haftası, Kültür Bakanlığı, Ankara, 29 Mart 2002.

- Elçi, Atilla: *E-Dönüşümde Alarm: Yönetilemeyen Büyük BT Projeleri*, Dinamikler 2003, Proje Yönetimi 5. Kongresi, İstanbul Proje Yönetimi Derneği ve Bilgi Üniversitesi, 4 Nisan 2003, İstanbul. Tutanakları yayınlandı.

- Elçi, Atilla: *IEEE/ACM Bilişim Eğitimi Önerisi Işığında Haliç Üniversitesi Deneyimi*, Elektrik, Elektronik ve Bilgisayar Muhendisliği Eğitimi 1. Ulusal Sempozyumu, EMO, ODTÜ Bilgisayar Mühendisliği Bölümü, ODTÜ Elektrik Mühendisliği Bölümü, ODTÜ, 30 Nisan 2003, Ankara.

National books and chapters:

- Alev Elçi ve Atilla Elçi (2013): Chapter 3: Technology, Innovation Management and Enterprising. In *Enterprising* (Editor: Himmet Karadal), Beta Yayıncılık, İstanbul. ISBN: 978-605-377-973-5. Pp: 47-60

Other publications:

- Ali Tan, Bülent Mıtış, Erdoğan Bada, Levent Acar, Şükrü Haluk Akalın, Zeynel Cebeci (2008): Bilgisayar Terimleri Karşılıklar Kılavuzu (Editör: Atilla Elçi, Hamza Zülfikar), Türk Dil Kurumu, Yayın No: 929, Ankara.

- Publications in 1976-2001 are omitted.

6. REFEREE & EDITING WORKS

Journal editorship:

- Associate Editor: **Expert Systems: The Journal of Knowledge Engineering** (Online ISSN: Wiley, 1468-0394; EiC: Jon Hall; SCI-E). October 2011 – present
- Editör: TBV Bilgisayar Bilimleri ve Mühendisliği Dergisi, http://www.bmbb.tc/dergi.html; www.tbv.org.tr/tbv/documents/hakemlidergi/dergi-kurullar.pdf. SSN 1 305-8991: 2003'den beri

- **Editorial Board member**:
- Editorial Advisory Board of the *Journal of Systemics, Cybernetics, and Informatics:* (JSCI) *.* ISSN: 1690-4524 (Online). *http://www.iiisci.org/journal/sci/Home.asp. Since 2009.*
- Editorial Board member: *International Journal on Advances in Software*, http://www.iariajournals.org/software/: since 2012 January. ISSN: 1942-2628.

- Editorial Board member: *International Journal of Information Security Science* (IJISS), www.ijiss.org: since 2012 January. ISSN: 2147-0030. OJS: http://pkp.sfu.ca/ojs/
- Editorial Board member: *International Journal of Advanced Robotic Systems* (EiCs: Vedran Kordic, Aleksandar Lazinica, Munir Merdan), InTech, ISSN: 1729-8806. 2012-3. SCI-E.
- Editorial Board member: *Intellectual Technologies on Transport* (network electronic scientific journal) (EiC: Khomonenko, A. D.), ISSN 2413-2527. temporary site http://itt.ivs-pgups.ru/ (permanent site http://itt-pgups.ru/). Since December 2015.
- Editorial Board Scientific: *Journal of Management of RORAIMA* (site). Since Jan. 2015.
- Guest Editor, *Journal of Information Security and Applications* (EiC Anthony T.S. Ho). ISSN: 2214-2126. Engineering Index, SCOPUS. http://www.journals.elsevier.com/journal-of-information-security-and-applications. Since 2013
- Guest Editor: Wiley Security of Communication Networks journal (Edited By: Hsiao-Hwa Chen and Hamid R. Sharif). Editing a Special Issue on The Design and Engineering of Cryptographic Solutions for Secure Information Systems). 2013-14. SCI-E.
- Advisory Board member: IGI *Advances in Web Technologies and Engineering Series* (EiC: Ghazi Alkhatip). Since Nov. 2016.

Referee journals:

- Wiley Security and Communication Networks journal (editing a Special Issue on The Design and Engineering of Cryptographic Solutions for Secure Information Systems), and reviewer (6 makale)
- Networking Science (by Springer-Verlag). 1 Makale
- Journal of Systems and Software (Ed. Dave Card). 1 paper.
- IEEE Transactions on Services Computing (EiC, Dr. Liang-Jie Zhang). SCI-E. 2 papers.
- IEEE Systems, Man and Cybernetics, Part A: IEEE Transactions on Systems, Man, and Cybernetics Part A: Systems and Humans was renamed IEEE Transactions on SMCA- Systems, Man, and Cybernetics: Systems on January 1, 2013. SCI. 7 papers.
- Wiley Software Practice and Experience; http://onlinelibrary.wiley.com/journal/10.1002/(ISSN)1097-024X. (PLAC SI, Editor M. Fayad). SCI. 2 papers.
- The Computer Journal (EiC, Erol Gelenbe). SCI-E. 2 papers.
- International Journal of Web Services Research (JWSR) (EiC: Liang-Jie Zhang). SCI-E. 1 paper.
- Journal of Digital Information (EiC: John Leggett). ISSN: 1368-7506. AHCI? 2 papers
- International Journal of Intelligent Engineering and Systems (EiC: Hongbing Zhu). SCOPUS. 1 paper.
- Expert Systems: The Journal of Knowledge Engineering (EiC: L. Rapanotti / J. Hall). 2 papers.
- MultiMedia Tools and Applications (EiC: Borko Furht). SCI-E. 42 papers.
- The International Journal of Cyber-Security and Digital Forensics (IJCSDF) (EiC: Ali Dehghan Tanha). Since May 2015.
- International Journal of Information Technology and Web Engineering (IJITWE) (EiC: Ghazi I. Alkhatib). Since October 2015. 2 papers (Editorial Board Member, since March 2016)
- Uluslararası Bilgi Güvenliği Mühendisliği Dergisi (In Turkish. Intl Journal of Info Security) (UBGMD)(EiC: Şeref Sağıroğlu). November 2015
- International Journal On Advances in Software ( )(EiC: Luigi Lavazza) Since May 2015) 9 papers.
- Gazi Üniversitesi Mühendislik-Mimarlık Fakültesi Dergisi (SCI_E) Since October 2016. 2 paper.

Scientific jury memberships (mostly for Higher Education Board):

- Üniversitelerarası Kurul Doçentlik jürisi: Bilgisayar Mühendisliği - Bilişim Alanında 1 aday için eser inceleme. Nisan 2016 dönemi.
- Üniversitelerarası Kurul Doçentlik jürisi: Bilgisayar Mühendisliği - Bilişim Alanında 1 aday için eser inceleme. Ekim 2015 dönemi.
- Üniversitelerarası Kurul Doçentlik jürisi: Bilgisayar Mühendisliği - Bilişim Alanında 1 aday için eser inceleme. Nisan 2015 dönemi.
- Üniversitelerarası Kurul Doçentlik jürisi: Bilgisayar Mühendisliği - Bilişim Alanında 2 aday için eser inceleme. Ekim 2014 dönemi.
- Üniversitelerarası Kurul Doçentlik jürisi: Bilgisayar Mühendisliği - Bilişim Alanında 3 aday için eser inceleme. Nisan 2014 dönemi.
- Üniversitelerarası Kurul Doçentlik jürisi: Bilgisayar Mühendisliği - Bilişim Alanında 3 aday için eser inceleme. Ekim 2013 dönemi.
- Üniversitelerarası Kurul Doçentlik jürisi: Bilgisayar Mühendisliği - Bilişim Alanında 2 aday için sözlü jürisi asıl üye. Ekim 2013 dönemi.
- Üniversitelerarası Kurul Doçentlik jürisi: Eğitim Bilimleri- Alan Eğitimi Alanında 2 aday için asıl üye. Nisan 2013 dönemi.
- Üniversitelerarası Kurul Doçentlik jürisi: Bilgisayar Mühendisliği - Bilişim Alanında 3 aday için asıl üye. Ekim 2012 dönemi.
- Üniversitelerarası Kurul Doçentlik jürisi: Bilgisayar Mühendisliği - Bilişim Alanında 3 aday için asıl üye. Nisan 2012 dönemi.
- Üniversitelerarası Kurul Doçentlik jürisi: Eğitim Bilimleri Alanında 3 aday için yedek üye. Ekim 2011 dönemi.
- Serhat Özyar Yılın Genç Bilim İnsanı Ödülü jürisi hakemi. Orta Doğu Öğretim Elemanları Derneği, ODTÜ. Şubat-Mart 2012.
- …
- And many others.

Conference referee assignments:
(Too many to recount here)

7. **RESEARCH ACTIVITIES**
- An Intelligent Tracking System: application to Acute Respiratory Tract Infection (TrackARTI). Ortak Araştırma projesi TÜBİTAK ve MHESR (The Tunisian Ministry of Higher Education & Scientific Research). Öneri yapıldı, sonuç bekleniyor.

- Anlamsal Web teknolojisi ile "Fetal Kalp Hızı Monitörizasyon Sistemi (FKHMS) ve Mobile Entegre Doppler Cihazı (m-Doppler) Projesi" – Ekim 2014, İstabul Aydın Üniversitesi ve Acıbadem Sağlık Grubu işbirliği ile SAN-TEZ Bilim, Sanayi ve Teknoloji Bakanlığı desteğiyle 2016 yıl içerisinde proje tamamlanacaktır (Proje Destek Süresi: 01.01.2015-31.03.2016). Bütçe: 131.646,55 TL, Proje No: 0763.STZ.2014.

- "Ontoloji Yordamıyla Bilinçli Gıda Tüketimi için Yapay Zeka Tabanlı Mobil Sistem Oluşturulması". TÜBİTAK 1501, Proje no:3140417, 01 Temmuz 2014-30 Eylül 2015 – Semantica İnternet ve Yazılım Hizmetleri Tic. Ltd. Şti., İstanbul Aydın Üniversitesi ve Acıbadem Sağlık Grubu. Bütçe: 526 000 TL.

- "Alerjik Bireylere Özgü Güvenli Gida Tüketimine Yönelik Anlam Tabanlı Akilli Bilgi Sistemi"– Proje No: 2120357, TÜBİTAK 1512 Girişimcilik Aşamali Destek Programı, 100.000 TL Destek alınarak ARGE çalışmaları Semantica Tic.Ltd.Şti. tarafından 2013- 2014 tarihlerinde proje başarıyla tamamlanmıştır (Proje Destek Süresi: 01.07.2013-31.06.2014).
- TUBİTAK 2223: SIN'13 düzenleme desteği.

- TUBITAK TEYDEB proje önerisi: Otizmli Çocuklara Anlamsal tabanda Eğitsel Faaliyet Sunan Ajan tabanlı Sistem Tasarımı. Istanbul Aydın Üniv., Süleyman Demirel Üniv., Proline Bilişim A.Ş.

- SAN-TEZ Proje önerisi (2012): Semantic Search Agents. Istanbul Aydın Üniv., Süleyman Demirel Üniv., Huawei Turkey R&D Center. 150.000 TL. Başvuru yapıldı: 15 Mart 2012.

- İstanbul Kalkınma Ajansı Hibe Çağrısı proje önerisi (2012): Kişiye Yönelik Gıda Tüketim Projesi. İstanbul Aydın Üniv., Genç Gönüllüler Derneği, Süleyman Demirel Üniv. 300.000 TL. Başvuru yapıldı: 23 Mart 2012.

- FP7-ICT-2011-8 proje önerisi : Meta-Era: Towards Metasystems Thinking in Learning Mathematics and Science. 11 uluslararası katılımcı kuruluş; toplam bütçe: 3 383 876 €; 17 Ocak 2012. (Başarısız)

- TUBITAK-Rusya RFBR İkili İlişkiler (2532) proje önerisi: Örgütsel Ortamlar için Çok-Düzeyli Güvenlik-Tabanlı Toplumsal Ağ Platformu Geliştirilmesi (Development of a multi-level security-based social networking platform for organizational environments). Toplam bütçe: Türkiye tarafı 52310 €. 9 Eylül 2011. (Başarısız)

- Provision of Semantic Web Services through an Intelligent Semantic Web Service Finder. EMU-Supported 'A' Type Project (BAP-A-07-20) together with Duygu Çelik. Budget: $6,200; started on February 2008, for 10 months. Extended 6 months.

- Support of SIN 2007 Conference. MEKB-07-05 TC/KKTC scientific Research Project. Supported by TRNC MEvKB, for YTL5000. April – December 2007.

- Cooperative Labyrinth Discovery (CLD) Project ("Üniversiteliler arası robotçuluk yarışması ve işliği"). Project (MEKB-05-01 TC/KKTC) with the support of "the Fund for Enhancing Scientific Activity in Higher Education by the Ministry for National Education and Culture, TRNC: 7 months, budget of 8,500 YTL, started Oct. 2005; ended 30 December 2006.

- International Telecommunication Union (ITU, Geneva, Switzerland) Chief Technical Adviser. UNDP/ITU Pakistan Telecom Company Ltd. HQ, 1993 - 1997.

- ITU Chief Technical Adviser. UNDP/ITU Asia-Pacific Regional Project RAS/86/165 in the Ministry of Telecommunication, People's Republic of China, at Beijing University of Posts and Telecommunication, Beijing. 1990 -1993.

- ITU Senior Officer in Computer Applications. Ministry of Communications, Kuwait City, State of Kuwait.1989 - 1990.

- ITU Senior Expert. Zimbabwe, Indonesia, Trinidad, Turkey, Thailand, Pakistan, India, Sri Lanka, P.R. China, and Philippines for short to intermediate term durations. 1984 - 1989.

8. EDUCATION ACTIVITIES

See the note below the table for others.

Academic Year	Semester	Course Title	Lectures/week		# of students
			Theory	Lab	
2016-2017 (Aksaray Univ.)	Fall	EEM 361 E-İmza ve Güvenlik (1. + 2. Öğr.)	**3**		79
		EEM 463 Bilgi Güvenliği ve Kriptoloji (1. & 2. Öğr.)	**3**		12
		EEBMZ 507 Ağ ve Bilgi Güvenliğine Giriş	**3**		1
		EEBM 507 Intro Security of Computers & Networks	**3**		6
	Spring	EEM 466 Internet ve Sosyal Ağlar	3	-	8
		EEM 366 Internet ve Sosyal Ağlar	2	-	5
2015-2016 (Aksaray Univ.)	Fall	EEMB 509 Intro to Cryptology	3	-	7
		EEBMZ 509 Kriptolojiye Giriş	3	-	1
		EEM 360 E-İmza ve Güvenlik (1. + 2. Öğr.)	3	-	20
	Spring	EEM 162 Yapısal Programlama (1. + 2. Öğr)	3	2	135
2014-2015 (Aksaray Univ.)	Fall	EEMB 566 Semantic Web Technology and Appls	3	-	3
		EEBMZ 566 Anlam Vebi Tekno. ve Uygulaması	3	-	4
		EEM 267 Veri Yapıları (1. + 2. Öğr.)	3	-	60
	Spring	EEBM 507 Intro to Security of Computers and N/Ws	3	-	8
			3	-	3
		EEBMZ 507 Ağ ve Bilgi Güvenliğine Giriş	3	-	1
		EEBM 571 Intro to Multi-Agent Systems	3	-	1
		EEBMZ 571 Çoklu Etmen Sistemlerine Giriş			
2013-2014 (Aksaray Univ.)	Fall	EEM 103 Bilişim Teknolojileri ve Uygulamaları	2	-	37
		EEM 103 Bilişim Teknolojileri ve Uygulamaları (İÖ)	2	-	41
		EEM 161 Algoritma ve Programlamaya Giriş	3	2	37
		EEM 161 Algoritma ve Programlamaya Giriş (İÖ)	3	2	41

2012-2013 **(Aksaray Univ.)**	Fall	ISLD 521 Yönetim Bilişim Sistemleri	3	-	3
	Spring	ISLD 514 Yenilikçilik & Değişim Yönetimi (PhD)	3	-	3
		YNT 514 Yenilik ve Teknoloji Yönetimi (YL)	3	-	8
		YNTZ 514 Yenilik ve Teknoloji Yönetimi (YL)	3	-	12
		ISLT 318 Yenilik ve Teknoloji Yönetimi	3	-	12
		ISLT 318 Yenilik ve Teknoloji Yönetimi (İÖ)	3	-	42
2011-2012 **(Süleyman Demirel Univ.)**	Fall	BIL 456 Multi-Agent Systems (ERASMUS)	3	-	3
		EBE 511 Anlam Vebi Teknolojisi ve Uygulaması (PhD)	3	-	9
	Spring	EBE xxx Web Servisleri Geliştirmesi (YL)	3	-	7
		EBE xxx Çoklu Etmen Sistemlerine Giriş (PhD)	3	-	9
2010-2011 **(Toros Univ.)**	Fall	IT 501 IT Competency Workshop (YL)	3	-	7
	Spring	IT 501 IT Competency Workshop (YL)	3	-	18
		IT 504 Internet & Web Programm. (YL)	3	-	38
2009-2010 **(METU NCC)**	Spring	CNG 336 Intr. Embedded System Development	3	2	28
		CNG 444 Language Processors	3	2	7
2008-2009 **(EMU TRNC)**	Fall	CmpE 583 Web Semantics: Theory & Practice	3	-	15
		CmpE 218 Principles of Programming Languages	4	2	30
	Spring	CmpE 218 Principles of Programming Languages	4	2	35
		CmpE 103: Fundamentals of Programming:	3	2	40
2007-2008	Fall	CmpE 583: Web Semantics: Theory & Practice	3	-	13
		CmpE 101 Foundations of Computer Engineering	3	2	40
		CmpE 401 (Graduation) Project	-	-	3
	Spring	CmpE 218 Principles of Programming Languages	4	2	35
		CmpE 588: Engineering Semantic Web Information Systems	3	-	15

Courses offered between 2001-2007 are here: http://www.emu.edu.tr/aelci/Files/Course-Taught-Atilla-Elci.htm. The list of courses offered at METU Comp. Eng. Dept. during 1976 – 1984 are missing.

9. AWARDS

- Atilla Elçi & Behnam Rahnama (2009): Special Prize for Technical Merit for "Cooperative Labyrinth Discovery- Client Robots Project". In the competition during 2nd Intl. Joint Robotics Competition and Symposium (IJRCS 2009), 20-23 May 2009, Süleyman Demirel University, Isparta, Turkey.

- Atilla Elçi, Behnam Rahnama, Mohamad N. Sabet Jahromi, and Reza Abrishambaf (2009): the Fourth Place for our Project on Self-Corrective Compass Cascaded Control System for AGVs. In the Project Competition, GMTGB Teknopark, 24 October 2008

- "First Place" in the General Category for The CLD Robot developed by my Cooperative Labyrinth Discovery Project by 4th METU Robotics Days Competition, METU, Ankara, Turkey. 2007.

- "A Special Prize for Technical Merit" for CLD Robot in the Robot Companion Design Contest. by15th IEEE International Symposium on Robot and Human Interactive Communication (RO-MAN 06), University of Hertfordshire, Hatfield, UK. 2006.

- Full fellowship for MSc & PhD study in the USA, by Ministry of National Education, Turkey. 1972-1975.

- Full fellowship for college study by President J. F. Kennedy Memorial Fund, Middle East Technical University, 1964 - 1970.

- Full fellowship for middle & high schooling, Ministry of Education, Republic of Turkey. 1959 – 1964.

10. OTHER ACADEMIC ACTIVITIES

Graduate thesis advised:

M.Sc. thesis:

- AL-RAWY, Mahmoud: Digital Voting System Based On Blockchain Technology. Electrical-Electronics and Computer Engineering, Aksaray University, December 2018.
- AYOUBI, Afrah: Modification of Image Denoising Algorithm with Wavelet Transformation. Electrical-Electronics and Computer Engineering, Aksaray University, June 2017.
- BALOUCHIAN, Pooyan: Semantic Data Portability across Social Networks. Computer Engineering Dept., Eastern Mediterranean University, September 2009.
- MEHRULHASSANI, Moein: Developing Ontology-Based Applications of Semantic Web Using UML to OWL Conversion. Computer Engineering Dept., Eastern Mediterranean University, July 2008.
- BAHREINI, Kiavash: Semantic Web mining using Agents in Enterprise Architecture, Computer Engineering Dept., Eastern Mediterranean University, June 2008.
- TEKOL, Yüce: Site Insight: Sharing Web Users' History. Computer Engineering Dept., Eastern Mediterranean University, June 2007.
- KAZI, M. Adil Amin: Enterprise Resource Planning System Implementation as PTCL's Competitive Edge in Telecom Services Business Industry in Pakistan, MBA Programme at Commonwealth Of Learning, Allama Iqbal Open University, Islamabad, Pakistan. March 2007.
- OLGU, Gizem: Integrating Disparate Ontologies through Semantically Parsing Multiword Elements. Computer Engineering Dept., Eastern Mediterranean University, February 2006.
- GAYDE, Erhan: TRNC Tourism Information System using Semantic Web Technologies. Computer Engineering Dept., Eastern Mediterranean University, September 2006.
- ÇELİK, Duygu: Searching for Semantic Web Services: An Intelligent Approach using Semantic Enhancement of Client Input Terms and Matchmaker Algorithm, Computer Engineering Dept., Eastern Mediterranean University, September 2005.
- İBİŞ (ARİFOĞLU), Ali: Genel Amaçlı bir Simge Cetveli Paketi, ODTÜ, 1982.
- ÖZGEÇEN, Ethem, Birleştirici Dilinde Yapısal Programlama için bir Makro Yordamlığı, ODTÜ, 1982.
- ÖZGİT, Attila, Ada Programlama Destek Ortamı için bir Giriş / Çıkış Yazılım Paketi, ODTÜ, 1982.
- SAGAY, Zeki, Bir Özdevimli Özet Çıkarma Yöntemi, ODTÜ, 1981.
- KARA, Yıldırım, Bordro Programlama Dili, ODTÜ, 1981.
- ZAMBAKOĞLU, Ali, Kentiçi Trafiği Benzetim Paketi, ODTÜ, 1981.
- SARIKAYA, Behçet, FORTRAN Ödev Programlarının Benzerliği, ODTÜ, 1978.

M.Sc. graduation projects:

- KOYUNCU, Erol, Vardiyalı Çalışma Sistemi ve Tükenmişlik Üzerine Etkisi. Aksaray Üniversitesi, Sosyal Bilimler Enstitüsü, İşletme ABD, Yönetim ve Organizasyon BD. Aralık 2013.
- AKKAŞ, Mehmet, Girişimcilik: Markalaşmalı mı, Markalaşmamalı mı? Yönetim Açısından Markalaşma ve Girişimcilik İlişkileri. Aksaray Üniversitesi, Sosyal Bilimler Enstitüsü, İşletme ABD, Yönetim ve Organizasyon BD. Ocak 2014.

Ph. D thesis:

- ÇELİK, Duygu: Towards a Semantic based Workflow Model for Composition of OWL-S based Atomic Processes. Computer Engineering Dept., Eastern Mediterranean University, September 2010.
- RAHNAMA, Behnam: Extended Open World Assumption as Core for Reasoning in Collaborative Problem Solving on Multiple Autonomous Semantic Robots. Computer Engineering Dept., Eastern Mediterranean University, December 2009.
- ZAFAR, Irfan: Evolution of Internet in Pakistan and its Role in the Country's Development, Preston Institute of Management, Science & Technology, Karachi, Pakistan. January 2003.

Invited talks:

- Elçi, alev and Elçi, Atilla (May 2020). Faculty Development in the Post 2020 World, talk at the International on-line Seminar on Distant Education Under Covid19 Pandemic Conditions: The e-Learning 2020 Conference, May 18, 2020 / Moscow, Russia.

- Elçi, Atilla (2018): Unavoidable Rise of Blockchain – Yet, How Far? Proc. the Eleventh International Conference on Security of Information and Networks (SIN 2018), Cardiff, UK, 10-12 September. ACM ICPS ISBN: 978-1-4503-6608-3.

- Elçi, Atilla (2017): [Tıp Bilişiminde Sorunlar ve Yenilikler Panel Sunuşu (Issues and Innovation in Medical Informatics Panel Presentation)]. **DOI:** 10.13140/RG.2.2.25553.53602

- Elçi, A. (2016): (Panel Talk) Big Data & Analytics: What is Ahead? Panel, WEDA Symposium @ 40th COMPSAC, June 14th, 2016, Atlanta, GA, USA. https://www.researchgate.net/publication/304076087_Big_Data_and_Analytics-_What_is_Ahead

- Elçi, A. (2015): (Plenary Talk Paper) Generating a Standardized Upper Ontology for Security of Information and Networks. Second International Conference on Computational Intelligence, Cyber Security and Computational Models 2015 (ICC3 2015). 17-19 December 2015, Coimbatore, India. (in print)

- Elçi, A., Tolun, M.R., Akgün, Ö., Sarı, F., ve Uzun, Y. (2014): Elektrik, Elektronik ve Bilgisayar Alanlarında Üniversite-Sanayi Etkileşimi İçin Öneriler - Aksaray Bağlamı. UNIKOP'14, 2. Bölgesel Kalkınma Sempozyumu, 24 October 2014, Niğde University. (in print)

- Elçi, A. (2014): Ontology for Security of Information and Networks: A standard is needed. In ACSAT 2014, 29 December 2014, Amman, Jordan. http://www.dsr-conferences.com/acsat/index.php/keynote-speakers

- Elçi, A. (2014): Isn't the Time Ripe for a Standard Ontology on Security of Information and Networks? In SIN 2014, 11 September 2014, Glasgow, UK.

- Elçi, Atilla: MAS & SemTech: Tipping to the Latter - Comparative Innovations Scene. The International Conference on Technological Advances in Electrical, Electronics and Computer Engineering (TAEECE2013) Mevlana University, Konya, Turkey, May 9-11, 2013. http://sdiwc.net/conferences/2013/taeece2013/ http://sdiwc.net/conferences/2013/taeece2013/wp-content/uploads/2013/05/Tentative-Schedule.doc

- Elçi, A. & Rahnama, B.: Towards Reasoning using Auto-Epistomic Operators. 4. Engineering and Technology Symposium (MTS4 2011), Çankaya Üniversitesi, Ankara, Turkey, April 28-29, 2011. Pp: 383-391. (Çağrılı Konuşma ve Bildiri)

- Elçi, A., Rahnama, B., Bakhshi, B., and Sadeghi, H. M. (2011): A Secure Scheme for Friend or Foe Identification in Battle Scene. The Third International Conference on Wireless & Mobile Networks (WiMo-2011), June 26 ~ 28, 2011, by www.airccse.org, Ankara, Turkey. Not in the proceedings http://airccse.org/wimo2011/wimo2011.html. (Invited talk: http://airccse.org/wimo2011/schedule_wimo2011.html Session 3).

Organizing Congresses:

Pervasive Computing and the Networked World (genel başkan), October 26-28, 2012 . Istanbul, Turkey. (http://www.icpca.bcu.ac.uk/organisation.html)

International Joint Robotics Competition and Symposium Series (genel başkan):
    2nd IJRCS 2009, 20-23 May 2009, Süleyman Demirel University, Isparta, Turkey.
    1st IJRC 2008, 15-17 May 2008, Gazimagusa, TRNC, North Cyprus.

The IEEE International Workshop on Engineering Semantic Agent Systems series in conjunction with COMPSAC Annual International Computer Software & Applications Conferences (General Chair and proceedings editor):
    ESAS 2019, 15-19 July 2019, Milwaukee, USA.
    ESAS 2018, 23-27 July 2018, Tokyo, Japan.
    ESAS 2017, 4 July, 2017, Turin, Italy.
    ESAS 2016, 10 June 2016, Atlanta, Georgia, USA.
    ESAS 2015, 1 July 2015, Taichung, Taiwan.
    ESAS 2014 during 21-25 July 2014, Vasteras, Sweden.

ESAS 2013 during 22-26 July 2013, Kyoto, Japan.
ESAS 2012 during 16-20 July 2012, İzmir, Turkey (honorary chair).
ESAS 2011 during 18-22 July 2011, Munich, Germany.
ESAS 2010 during 19-23 July 2010, Seoul, South Korea.
ESAS 2009 during 20 July 2009, Seattle, Washington, USA.
ESAS 2008 during 28 July – 1 August 2008, Turku, Finland.
ESAS 2007 during 24-27 July 2007, Beijing, China.
ESAS 2006 during 17-21 September 2006, Chicago, Illinois, USA

International Conference on Security of Information and Networks conference series (In Tech Coop w/ACM SIGSAC) (General Chair and proceedings editor):
SIN 2019, 12-15 September, 2019, Sochi, Russia.
SIN 2018, 10-12 September, 2018, Cardiff, Wales, UK.
SIN 2017, 13-15 October, 2017, Jaipur, Rajasthan, India.
SIN 2016, 20-22 July 2016, Newark, New Jersey, USA.
SIN 2015, 8-10 September 2015, Sochi, Russia.
SIN 2014, 9-11 September 2014, Glasgow, UK
SIN 2013, 26-28 November 2013, Aksaray, Türkiye.
SIN 2012, 22-26 October 2012, Jaipur, India.
SIN 2011, 14-18 November 2011, Sydney, Australia.
SIN 2010, 7-11 September 2010, Taganrog, Rostov-on-Don, Russia.
SIN 2009, 6-10 October 2009, Gazimagusa, North Cyprus.
SIN 2007, 8-10 May 2007, Gazimagusa, North Cyprus.

IEEE COMPSAC Annual International Computer Software & Applications Conferences (Steering Committee member):
43rd COMPSAC, 15-19 July 2019, Milwaukee, WI, USA. (Standing Committee member)
42nd COMPSAC, 23-27 July 2018, Tokyo, Japan. (Standing Committee member)
41st COMPSAC, 4-8 July, 2017, Turin, Italy. (Standing Committee member)
40th COMPSAC, 10-14 June 2016, Atlanta, Georgia, USA. (Standing Committee member)
39th COMPSAC, 1-5 July 2015, Taichung, Taiwan. (Standing Committee member)
36th COMPSAC, 16-20 July 2012, İzmir, Türkiye (aynı zamanda Program Committee Chair).
35th COMPSAC during 18-22 July 2011, Munich, Germany (Semantic Web Track Chair).
34th COMPSAC during 19-23 July 2010, Seoul, South Korea (SW Arch & Evolution Track Chair).
33rd COMPSAC during 20 July 2009, Seattle, Washington, USA. (SW Arch & Evolution Track Chair)
32nd COMPSAC during 28 July – 1 August 2008, Turku, Finland. (SW Arch & Evolution Track Chair; Workshops Chair)
31st COMPSAC during 24-27 July 2007, Beijing, China. (Workshops Chair)

Membership in scientific and Professional organizations:

- Association for Computing Machinery, ABD.
- IEEE, Computer Society, Communications Society, ve Robotics Society, ABD
- Member: IEEE SMC Society's Distributed Intelligent Systems Technical Committee (DIS TC).
- Informatics Association of Turkey
- Linux Users Association
- Operations Research Association of Turkey

Research Interests:

- Semantic web technology
- Information security/assurance
- Semantic robotics
- Programming systems and languages
- Semantics in education

http://www.informatik.uni-trier.de/~ley/db/indices/a-tree/e/El=ccedil=i:Atilla.html
http://aksaray.academia.edu/AtillaEl%C3%A7i