

ÖZGEÇMİŞ

1. **Adı Soyadı** : A. EMRAH ORHUN
2. **Doğum Tarihi** : 08.04.1951
3. **Unvanı** : Prof. Dr.
4. **Öğrenim Durumu** : Doktora
5. **Çalıştığı Kurum** : Girne Amerikan Üniversitesi – Mühendislik Fakültesi (2018 -)

Derece	Alan	Üniversite	Yıl
Lisans	Elektrik Mühendisliği	Orta Doğu Teknik Üniversitesi	1973
Y. Lisans	Elektrik Elektronik Mühendisliği	Brunel Üniversitesi	1974
Y. Lisans	Eğitim Çalışmaları	Oxford Üniversitesi	1996
Doktora	Elektrik Elektronik Mühendisliği	Londra Üniversitesi	1979

5. Akademik Unvanlar

- Yardımcı Doçentlik Tarihi : 1979
Doçentlik Tarihi : 1985
Profesörlük Tarihi : 1988

6. Yönetilen Yüksek Lisans ve Doktora Tezleri

6.1. Yüksek Lisans Tezleri

6.2. Doktora Tezleri

1. Semra Tunalı, Prolog Ortamında Bir Bilgi Tabanlı Atölye İzleme Sistemi, Ege Üniversitesi, (1991)
2. Birgül Egeli, Üstmetin ve Öğrenme, Ege Üniversitesi, (1991)
3. Ahmet Kaşlı, Bilgisayar Destekli Öğrenme Ortamlarında Bilgi Gösterimi, Ege Üniversitesi, (1991)
4. Bahar Alakent, İlkokullar İçin Bilgisayara Dayalı Öğrenme Ortamları, Ege Üniversitesi, (1992)

7. Yayınlar

7.1. Uluslararası hakemli dergilerde yayınlanan makaleler (SCI,SSCI,Arts and Humanities)

7.2. Uluslararası diğer hakemli dergilerde yayınlanan makaleler

1. Orhun, E., (2009) Project report on International Cooperation in Ambient Computing Education Project. e-Learning and Education (eleed) Journal, July.
2. Orhun, D. & Orhun, E. (2004) What Has Changed Can Change Again: The Living-Integrating Traditional Houses of Turkey, The International Association for the Study of Traditional Environments (IASTE) Working Paper Series Vol.161 The Traditional House; summary in *Traditional Dwellings and Settlements Review Journal of The International Association for the Study of Traditional Environments*, Volume XVI, Number 1, p.27
3. Pontecorvo, C. Balacheff, N., Kaye, A., Bouma, H., Liao, T., Orhun, E., Da Cunha, L. (1994-95) Final Committee Report of NATO's Special Program for Advanced Educational Technology, J. Educational Technology Systems, Vol.23(2) 91-153.
4. Orhun, E. (1991) Knowledge Representation in Intelligent Tutoring Systems for Computer Programming, American Journal of Mathematical and Management Sciences, Vol.9 (3-4).
5. Tunalı, S., Orhun, E. (1990) A Rule-Based Production Scheduling System, Microprocessing and Microprogramming, The EUROMICRO Journal, Vol.31, 1-5, 19-23.
6. Demirörs, E., Orhun, E., & Tunalı, S., (1989). Student Modelling in Intelligent Tutoring Systems for Prolog Programming, Advances in Modelling & Simulation. Vol.16, No.2, 13-22.

7.3. Uluslararası bilimsel toplantılarda sunulan ve bildiri kitabında basılan bildiriler

1. Orhun, E. (2010) Information and Communication Technology Innovation in Education: The Case of Turkey, *University Leadership: Bringing Technology-Enabled Education to Learners of All Ages*, The Fifth Conference of Learning International Networks Consortium (LINC), May 23rd - 26th, 2010 – MIT, Cambridge, Massachusetts.
2. Orhun, E. & Casimir, C. (2010) Organizational Culture and Computer Self-Efficacy: An Empirical Study in an Introductory University Course, EBES 2010 Conference, May 26-28, Istanbul.
3. Orhun, E. & Casimir, C. (2010) Gender and Computer Self-Efficacy in an Introductory Computing Course in the USA, WCCES XIV World Congress, June 14-18, 2010, Istanbul.
4. Orhun, D. & Orhun, E., (2009) Design Patterns: On Software Engineering's Borrowing From Architecture. Proceedings of the Integrated Systems, Design & Process Sciences Conference (SDPS 2009), Montgomery, AL, November 1-5.
5. Orhun, E. and Kramer, B. (2009) Technologies for International Community Building. Paper presented at the FIPSE ATLANTIS Project Directors' Conference, Boston, MA, October 11-13.
6. Orhun, E., (2009) The American Perspective on m-learning. Paper presented at the m-Government 2009 Conference, Ankara, Turkey, May 28-29.
7. Orhun, E., (2009) Ambient Computing Education. Paper presented at the Colloquium on International Engineering Education, San Diego State University, CA, May 20.
8. Ozturk, Y., Orhun, E. and Bowerman, C. (2009) Towards a Joint Degree Program in Ambient Computing. In: M. Amin and P.P. Dey (Eds.) *Educating Next Generation Engineers*, ASEE/PSW-2009 Conference Proceedings, March 19-20, 2009, San Diego, California, pp.386-394.
9. Orhun, E., Bowerman, C. & Ozturk, Y. (2009) International Cooperation in Ambient Computing Education. Proceedings of ICECE'2009 – International Conference on Engineering and Computer Education, Buenos Aires, Argentina, March 08 - 11, 2009.
10. Orhun, E. & Mason, J.C. (2008) The Impact of Organizational Culture on Knowledge Workers' Computer Self-Efficacy. Proceedings of ICICKM 2008 The 5th International Conference on Intellectual Capital, Knowledge Management & Organizational Learning, New York, USA, 9-10 October.
11. Orhun, E. and Hopple, J. (2008) Theoretical Frameworks for Knowledge Sharing in a Community of Practice. Proceedings of EATIS 2008 - Euro American Conference on Telematics and Information Systems, Aracaju, Brazil, 10-12 September. ACM-DL Proceedings ISBN # 978-1-59593-988-3.
12. Orhun, E. & Mason, J.C. (2008) Organizational Culture Factors and Gender Differences in Computer Self-Efficacy Perceptions. Paper presented at the Comparative and International Education Society | 52nd Annual Conference, Columbia University, March 17–21.
13. Orhun, D. & Orhun, E., (2007) Creativity in Design: An Exploration of Creativity in Students' Architectural Designs, Integrated Design and Process Technology, IDPT-2007, Society for Design and Process Science, June.
14. Orhun, E. and Hopple, J. (2007) Factors Influencing Knowledge Sharing in the Financial Management Community of Practice of the USAF Portal. Proceedings of the American Society of Information Science and Technology, Volume 43, Issue 1, pp.1-5.
15. Hopple, J. and Orhun, E. (2006) Factors Influencing Participants' Intention to Share Knowledge in the Financial Management Network of the USAF Portal. Paper presented at International Conference on Human and Economic Resources, Izmir, Turkey, May 24-25.
16. Orhun, E. and Hopple, J. (2006) Factors Influencing Participants' Knowledge Contribution in the Financial Management Network of the USAF Portal. In C.C. Aktan (ed.) *Globalization and The Knowledge Economy*, Selected Proceedings of the 2nd International Conference on Business, Management and Economics, June 15-18, 2006, Cesme-Izmir, Turkey, pp.157-167.
17. Orhun, D. & Orhun, E., (2006) Spatial Aspects of Contradictory Processes of Globalization: A Study of Izmir, Turkey. Paper presented at IASESP 2006 Conference, Towson University, Towson, Maryland, USA, April 28-30.
18. Orhun, E. (2006) Difficulties in Integrating Digital Libraries into Teaching Computer Science: Teaching with the MERLOT Collection. Proceedings, IASTED International Conference on Web-Based Education, Puerto Vallarta, Mexico, January 23-25

19. Orhun, D. & Orhun, E., (2005) Growth and Transformation of Good Old Cities: Karsiyaka as a case. Paper presented at the XXIIInd World Congress of the International Union of Architects, 3-7 July, Istanbul, Turkey
20. Orhun, E. (2004) Student Satisfaction with Web-Based Educational Resources for Computer and Information Science: Teaching with the MERLOT Collection. Proceedings, E-Learn 2004, Washington, DC, November 1-5
21. Orhun, D. & Orhun, E., (2004) Spatial complexity in architectural student design projects, Proceedings, EDRA 35, June 2-6, Albuquerque, New Mexico
22. Orhun, E. (2004) International Cooperation for the Harmonization of Software Engineering Education. Proceedings of the Integrated Design & Process Technology Symposium, Izmir, June 28-July 2
23. Orhun, E. & Orhun, D. (2004) Cognitive Tools for Assessing Design Skills and Knowledge, Proceedings, International Conference on Information Technology Based Higher Education, May 28-June 1, Istanbul, Turkey
24. Orhun, E. (2004). International Cooperation in Training Teacher Educators to Use ICT in Education: The COG-TECH Projects. In R. Ferdig et al. (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference 2004* (pp. 4224-4231). Chesapeake, VA: AACE.
25. Orhun, E. (2004) Information and Communication Technology Innovation in Education in Turkey: A Study of the Implementation Phase of the Computer-Aided Education Project. In R. Ferdig et al. (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference 2004* (pp. 1332-1338). Chesapeake, VA: AACE.
26. Orhun, E. (2003) Web-Based Educational Resources for Learning and Online Teaching in Higher Education: The MERLOT Project. Paper presented at the 24th IATUL Conference "Libraries and Education in the Networked Information Environment" on June 2-5, 2003, Turkey.
27. Orhun, E. (2002) When Users Perform Peer Evaluation of MERLOT Materials, paper presented at the MERLOT International Conference, September 27-30, 2002, Atlanta, GA.
28. Orhun, E. (2002) Evaluation of Web-based Educational Resources for Learning and Online Teaching: The MERLOT Project, Proceedings of 3rd International Conference on Information Communication Technologies in Education, Samos, Greece, July 17-20, pp.567-575.
29. Orhun, E., Demiralp, Ç. (2001) Usability Evaluation for a Set of Cognitive Tool Software, Proceedings of the 2nd International Conference on Technology in Teaching and Learning in Higher Education, Samos, Greece, June 27-29, pp.249-254.
30. Bayrak, C., Sahinoglu, M., Orhun, E. (2001) Global Learning Network: The Structure for Online Learning. *Integrated Design and Process Technology IDPT-Vol 1*, pp.35-43.
31. Sahinoglu, M., Bayrak, C., Orhun, E., Tyson, D., Westbrook, S. (2001) Some Quality Metrics in Internet-Based Distance Education, SDPS (Society of Design and Process Sciences) Workshop, Pasadena, Calif., June 9 - 13.
32. Orhun, E. (2001) Computer-Based Cognitive Tools in Teacher Training: The Cog-Tech Approach, International Conference on Technology and Education, Tallahassee, Florida, USA, May 2-5.
33. Orhun, E. (2001) Computer Innovation in Education: Initiation in Turkey, International Conference on Technology and Education, Tallahassee, Florida, USA, May 2-5.
34. Orhun, E. (2000) Teacher Training for Using Information and Communication Technologies in Education, Proceedings, International Conference on Information Technology Based Higher Education and Training, Istanbul, Turkey, July 3-5, 298-303.
35. Sıkıcı, A., Orhun, E. (2000) A Fuzzy Shell for Intelligent Tutoring, Proceedings, International Conference on Information Technology Based Higher Education and Training, Istanbul, Turkey, July 3-5, 139-144.
36. Orhun, E. (1995) Med-Campus Project on Training Teacher Educators to Use Computer-Based Cognitive Technologies for Teaching and Learning, Proceedings, World Conference on Teacher Education, Çeşme, August.
37. Orhun, E. (1995) Collaborative Problem Solving with a Computer-Based Idea Organizer, Proceedings of The World Conference on Computers in Education, Birmingham, UK, July, 173-182.

38. Orhun, E. (1994) Cognitive Tools for Learning, Proceedings of The Eleventh International Conference on Technology and Education, London, March, 1029-1031.
39. Orhun, E. (1993) Computer-Based Cognitive Technologies for Cooperative Problem Solving in Primary Education, Proceedings of The Tenth International Conference on Technology and Education, M.I.T., Cambridge, U.S.A., March, Vol.2,1172-1174.
40. Orhun, E., (1992) Integrating Technology Education into Social Studies at Elementary School, Proceedings of The First International Conference on Technology Education, Weimar, Germany, April, 270-273.
41. Orhun, E. (1991) Expert Systems Technology for Learning, Invited paper, Regional Seminar VI, Expert Systems and Their Microcomputer Applications, Middle East Technical University, Ankara, May.
42. Egeli, B., Kemikli, E., Baykal, B., Orhun, E.(1991) Hypertext Implementation of a Courseware for Computer Literacy, paper presented at ILO meeting in Dusseldorf, Germany, March.
43. Orhun, E., Demirörs, O.(1991) A PC+ Based Oil Pollution Combating System, Proceedings, The Fourteenth Annual Energy-Sources Technology Conference, Houston, January, PD-Vol.35, pp.25-28.
44. Tunalı, S., Orhun, E. (1990) A Knowledge-Based Production Scheduling System, Proceedings, IEEE International Workshop on Intelligent Motion Control, Istanbul, August 20-22, pp.577-580.
45. Tunalı, S., Orhun, E. (1990) A Prolog Simulator for Job-Shop Scheduling, Proceedings, ISCIS V, Oct.30-Nov.2, Nevşehir-Turkey, pp.1121-1130.
46. Egeli, B., Orhun, E. (1990) Hypertext and Learning Proceedings, Education and Application of Computer Technology, Blasi, M.D., Luque, E., Scerri E. (eds.), Sant Feliu de Guixols, Spain, Sept. 10-15, pp.435-446.
47. Alakent, B., Orhun, E., Gabay, R., Amado, S. (1990) Learning Environments, Proceedings, Education and Application of Computer Technology, Blasi, M.D., Luque, E., Scerri,E.(eds.), Sant Feliu de Guixols, Spain, Sept. 10-19, pp.541-552.
48. Alakent, B., Orhun, E. (1990) A Logo Experiment With 9-Year-Old Turkish Children, Proceedings, ISCIS-V, Oct.30-Nov.2, Nevşehir, Turkey, pp.963-970.
49. Orhun, E., Alakent, B., Kaşlı, A., Egeli, B. and Kemikli, E. (1990) Courseware Development at Ege University on Macintosh Computers, (eds.) A.R.Kaylan and M.A.Eyler, Proceedings, Academic Computing on Macintosh Environments, Kaylan,A.R.(ed.) Boğaziçi University, İstanbul, May 14-16, pp.34-44.
50. Orhun, E. (1990) Issues in the Implementation of Computer-Assisted Instruction in Turkey. The Seventh International Conference on Technology and Education, Brussels, March 20-22, pp.635-637.
51. Alakent, B., Orhun, E., Gabay, R., Sonia, A. (1990) Pre-Logo Learning Environments for Turkish Children. The Seventh International Conference on Technology and Education. Brussels, March 20-22, Vol.2, pp.641-643.
52. Alakent, B., Kaşlı, A., Orhun, E. (1989) Experimenting with Authoring Tools: Hypercard and CourseBuilder. The Fourth International Symposium on Computer and Information Sciences, Oct.30-Nov.1, Çeşme, pp.100-112.
53. Orhun, E. (1989) Learning with Expert Systems. Proceedings, The Fourth International Symposium on Computer and Information Sciences, Oct.30-Nov.1, Çeşme.
54. Demirörs, E., Orhun, E. (1989) An Intelligent Prolog Tutoring System: PROTUS, Sixth Symposium on Microcomputer and Microprocessor Application, 17-19 Oct., Budapest-Hungary, Vol.II, pp.43-52.
55. Alakent, B., Kaşlı, A., Orhun,E. (1989) An Evaluation of Hypercard and Course Builder as Authoring Tools, Proceedings, The 11th International Symposium Computer at the University, Cavtat, Yugoslavia, Vol.I, p.1.9.1-1.9.6.
56. Demirörs, E., Orhun, E. (1989) An Intelligent Prolog Tutoring System: Protus, Proceedings, DIDAMATICA'89, Bari, pp.177-186.
57. Orhun, E., Demirörs, E. (1988) Intelligent Tutoring Systems for Prolog Programming, Education and Application of Computer Technology, M.De Blasi et al.(eds.) Fratelli Laterza Publisher, Bari, Italy, 561-573.

58. Orhun, E., Demirörs, O. (1988) Expert Systems for Decision Support in Oil Combating, Education and Application of Computer Technology, M.De Blasi et al.(eds.), Fratelli Laterza Publisher, Bari, Italy, 673-676.
59. Orhun, E. (1988) Expert Systems in Education, Keynote speech, Proceedings, Education and Application of Computer Technology, M.De Blasi et al.(eds.), Fratelli Laterza Publisher, Bari, Italy, 493-518.
60. Alakent, B., Orhun, E.,(1989) Computer Microworlds for Children, in (eds.) E.Gelenbe, E.Orhun and E.Başar, Computer and Information Sciences-3, Nova Science Publisher, New York, pp. 341-348.
61. Orhun, E., Demirörs, O. (1988) Knowledge-based Decision Support for Emergency Management, Proceedings, Third International Symposium on Computer and Information Sciences, Oct.29-Nov.2, Çeşme, İzmir, Turkey, 848-853.
62. Demirörs, E., Orhun, E., Tunalı, S. (1988) Student Modelling in Intelligent Tutoring Systems for Prolog Programming, Paper presented at the AMSE International Conference Modelling and Simulation, June 29-July 1, İstanbul, Turkey (daha sonra Advances in Modelling&Simulation'da basıldı).
63. Demirörs, E., Orhun, E. (1988) Issues in the Design of Intelligent Tutoring Systems for Prolog Programming, Proceedings 11.International Symposium Computer at the University, Cavtat, Yugoslavia, June 6-10, 8.121-8.128.
64. Orhun, E., Demirörs, O. (1988) Expert Systems for Decision Support in Oil Combating, Proceedings, 11.International Symposium Computer at the University, Cavtat, Yugoslavia, June 6-10, 8.21-8.28.
65. Orhun, E. (1987) Expert Systems for Computer-Aided Design of Digital Systems, Proceedings, First International Conference on Training on Computer-Aided Design in Engineering Schools, 16-20 November, Tbilisi, U.S.S.R.
66. Orhun, E., Tunalı, S., Danacı, İ. (1987) The Use of Prolog in Constraint-Satisfaction Problems, Proceedings of the Second International Symposium on Computer and Information Sciences, İstanbul, 19-21 Oct., 355-365.
67. Orhun, E., Demirörs, E. (1987) Issues in the Design of an Intelligent Tutoring System for Computer Programming, Proceedings of the Second International Symposium on Computer and Information Sciences, İstanbul 19-21 Oct., 37-46.
68. Orhun, E., (1987) Knowledge Representation in Intelligent Tutoring Systems for Computer Programming, Paper presented at The First International Conference on Statistical Computing, İzmir, 30 March-2 April. In (ed.) E.J.Dudewicz, Expert Systems and Artificial Intelligence, American Science Press, 1987, vol.1, 636-650.
69. Orhun, E., (1986) Policies and Strategies for the Production of Computer- Assisted Learning Material in Turkey. Paper presented at the OECD-ICCP Seminar on Information Technology and Economic Development, 3-5 Nov. 1986. İstanbul.
70. Orhun, E., (1986) Issues in the Design of Intelligent Tutoring Systems for Computer Programming, Proceedings, Microprocessor Advanced Architectures and Design Methodologies, Bari, Oct. 29-31. In (eds.) M.De Blasi, E.Luque, Edizioni Fratelli Laterza, 69-85.
71. Orhun, E., Kim, C.J., (1986) Artificial Intelligence Techniques in Combinational Logic Design, Proceedings, 8th International Symposium Computer at the University, Cavtat, Yugoslavia, May 12-15, 8.011-8.17.
72. Orhun, E., (1981) The Application of Microprocessors to the Control of Gas Turbine Engines, Proceedings, IEEE International Conference Industrial, Control and Instrumentation Applications of Mini and Microcomputers, November 9-13, San Francisco, U.S.A., 375-380.
73. Orhun, E. (1981) Microcomputer-based Control of Gas Turbine Engines, (eds.) L.Richter et al., Implementing Functions: microprocessors and firmware, EUROMICRO 1981, Paris, North-Holland, 475-481.
74. Orhun, E., (1981) The Programming of Microprocessors for the Control of Gas Turbine Engines, Proceedings, International Conference Microcomputer Application to Industrial Control, Feb., Calcutta, India.
75. Orhun, E., (1980) A Microprocessor-Based Gas-Turbine Engine Control System, Proceedings, Second International Microcomputer Applications Conference, July , Tokyo, Japan, 123-146.

76. Mehta, P., Mukhopadyay, S., Orhun, E., (1974). Forced-Commutated Converted-Controlled D.C.Drives, Proceedings, IEE International Conference Power Electronics Power Semiconductors and Their Applications, December, London, England, 146-151.

7.4. Yazılan uluslararası kitaplar veya kitaplarda bölümler

- A.Ertas, M.M.Tanik & E. Orhun (eds.) (2004) Proceedings of the 2004 Integrated Design & Process Technology Symposium, Society for Design and Process Science, USA
- E. Orhun and P.A.M. Kommers (eds.) (2002) *Information and Communication Technologies in Education: A Focus on Cognitive Tools*. The COG-TECH Network: İzmir.
- E. Orhun, C. Hoyles, C. Bowerman and M. Vivet (eds.) (1997) *Computer-Based Cognitive Tools for Teaching and Learning*. The COG-TECH Network: İzmir.
- E. Gelenbe, E.Orhun and E.Başar (1989) (eds.) *Computer and Information Sciences-3*, Nova Science Publisher, New York.
- Gelenbe, E., Orhun, E., Başar, E. (1988) (eds.) Proceedings of the Third International Symposium on Computer and Information Sciences, Oct. 29-Nov.2, 1988, Çeşme, İzmir, Turkey, Ege Üniversitesi.
- Orhun, E. (1980) (ed.) Proceedings of the Regional UNESCO/IFIP Seminar on Microprocessors and Microcomputers, November 3-7, M.E.T.U., Ankara, Turkey.
- Orhun, D. & Orhun, E. (2008) Territorialization and Deterritorialization in the Globalizing City of Izmir, Turkey. In: Gary Backhaus and John Murungi (eds.) *Dangers in the Incommensurability of Globalization: Socio-Political Volatilities*, Cambridge Scholars Publishing: Newcastle, pp.149-162.
- Orhun, E. (2002) Computer-Based Cognitive Tools for Learning and Teaching: The COG-TECH Projects. In: E. Orhun and P.A.M. Kommers (eds.) *Information and Communication Technologies in Education: A Focus on Cognitive Tools*. The COG-TECH Network: İzmir, pp.3-15.
- Orhun, E. (2002) Computer-Based Cognitive Tools. In: E. Orhun and P.A.M. Kommers (eds.) *Information and Communication Technologies in Education: A Focus on Cognitive Tools*. The COG-TECH Network: İzmir, pp.17-26.
- Orhun, E. (2002) Teacher Training for Using Information and Communication Technologies in Education: The Cog-Tech Approach. In: E. Orhun and P.A.M. Kommers (eds.) *Information and Communication Technologies in Education: A Focus on Cognitive Tools*. The COG-TECH Network: İzmir, pp.295-312.
- Orhun, E. (2002) Computer Innovation in Education in Turkey: A Study of the Initiation Conditions in Secondary Schools in Izmir. In: E. Orhun and P.A.M. Kommers (eds.) *Information and Communication Technologies in Education: A Focus on Cognitive Tools*. The COG-TECH Network: İzmir, pp.343-375.
- Orhun, E. (2002) Computer Innovation in Education in Turkey: A Study of the Implementation Phase in Secondary Schools in İzmir. In: E. Orhun and P.A.M. Kommers (eds.) *Information and Communication Technologies in Education: A Focus on Cognitive Tools*. The COG-TECH Network: İzmir, pp.377-426.
- Orhun, E. (1997) Training Teacher Educators to Use Cognitive Tools for Teaching and Learning: An Introduction. In: E. Orhun, C. Hoyles, C. Bowerman and M. Vivet (eds.) *Computer-Based Cognitive Tools for Teaching and Learning*. The COG-TECH Network: İzmir, 3-7.
- Orhun, E. (1997) Computer-Based Cognitive Tools for Teaching and Learning. In: E. Orhun, C. Hoyles, C. Bowerman and M. Vivet (eds.) *Computer-Based Cognitive Tools for Teaching and Learning*. The COG-TECH Network: İzmir, 13-22.
- Orhun, E. (1995) Design of Computer-Based Cognitive Tools. In: E. di Sessa et al. *Computers and Exploratory Learning*. NATO ASI Series, Springer-Verlag, Berlin, Vol.146, 305-320.
- Orhun, E. (1993). Organizational Learning and Hypermedia: An Action Science Perspective. In: S.Bagnara, C.Zucchermaglio, S.Stucky (eds.) *Organizational Learning and Technological Change*, NATO ASI Series, Vol. F 81, Springer-Verlag, Berlin, 269-286.
- Orhun, E. (1993). Learning Problem Solving Through Computer Programming. In: D. Ferguson (ed.), *Advanced Technologies in the Teaching of Mathematics and Science*, NATO ASI Series, Vol F 107, Springer-Verlag, Berlin, 339-362.
- Orhun, E., (1987). Expert Systems and Intelligent Computer-Assisted-Instruction. In: J.Mumpower et al. (eds.) *Expert Judgment and Expert Systems*, NATO ASI Series, Vol.F35, Springer-Verlag, 241-250.

7.5. Ulusal hakemli dergilerde yayınlanan makaleler

1. Orhun, E. (2004) Web-Based Learning Materials for Higher Education: The Merlot Repository, The Turkish Online Journal of Educational Technology (TOJET), *volume 3, issue 3, article 10, 2004*
2. Orhun, E. (2003) Computer-Based Cognitive Tools in Teacher Training: The COG-TECH Projects. The Turkish Online Journal of Educational Technology (TOJET), Volume 2 Issue 3 - (July).
3. Orhun, E., Alakent, B. & Kaşlı, A.(1991). An Evaluation of Hypercard and Course Builder for Their Use in Physics Education, *Doğa-Tr.Journal of Physics, 15, 257-265.*

7.6. Ulusal bilimsel toplantılarda sunulan ve bildiri kitabında basılan bildiriler

1. Olca, E., Orhun, A.E., Dalak, B.T. (2016) Use of IBM BLUEMIX Cloud Platform in Software Engineering Student Projects. Paper presented at 10th National Software Engineering Symposium, UYMS'16 - Çanakkale, Turkey (24-26 October, 2016).
2. Orhun, E. & Orhun, D., (2009) Identifying and Assessing Design Creativity. Paper presented at 7th Annual Troy University Psychology Conference, Troy, April 24, 2009.
3. Orhun, E. & Orhun, D., (2004) Towards Measuring Spatial Sustainability of Urban Form: A Preliminary Study of Montgomery, Alabama, Paper presented at The Troy University Business Symposium, February 24-26, Destin, FL
4. Orhun, E. (2003) Student Satisfaction with Web-Based Educational Resources for Computer and Information Science: Teaching with the Merlot Collection, Proceedings, Fifth Annual TSU-System Wide Business Symposium, February 2

7.7. Diğer yayınlar (Ulusal kitap)

1. E. Orhun (2000) *Türkiye'de Eğitimde Bilişim Teknolojileri Yeniliği: İzmir'de Bazı Okullarda Yapılan Bir Araştırma* (Information Technology Innovation in Turkish Schools: An Investigation in Some Schools in İzmir). Turkish Informatics Society Publications.

8. Projeler

1. "Generation 0101" Erasmus Plus Strategic Partnership Project, (2014-1-HR01-KA205-007214, 2014-2016, ortak).
2. "City as a Living Laboratory" Project funded by Izmir Development Agency (2015-2016, Koordinatör)
3. EU-US Atlantis Project P116J070057 International Cooperation in Ambient Computing Education (2007-2011, Koordinatör).
4. EU-US Atlantis Project International Cooperation Using Educational Technology in Graduate Studies in Computer Science and Technology (2003, Ortak).
5. Commission of the European Communities INCO-DC Programme, Project No.973367 "Training Teacher Educators for Using Cognitive Technologies in Teaching and Learning" (1998-2002, Koordinatör).
6. Turkish Scientific and Technical Research Council R&D Project "Development of Courseware for Primary Mathematics and Chemistry" (1998-2001, Koordinatör).
7. Turkish Technology Development Foundation Software Development Project "Development of Courseware for Primary Mathematics and Chemistry" (1998-2001, Koordinatör).
8. Commission of the European Communities Med-Campus Programme, Project No.359 "Training Teachers for Using Cognitive Technologies in Teaching and Learning" (1993-1995, Koordinatör).
9. Mediterranean Countries Co-ordinator/Partner, Commission of the European Communities Med-Campus Programme, Project No. 6 "Methodologies and Technologies for Distance Education in the Mediterranean" (1992-1994, Koordinatör).
10. Turkish Scientific and Technical Research Council Project EEE-AG10 "Computer-Based Learning Environments for Primary Schools" (1991-1994, Koordinatör).
11. Computer-Aided Building Design Project, Ege University Research Fund (1987-1989, Araştırmacı).

9. İdari Görevler

1. Yazılım Mühendisliği Bölüm Başkanı, İzmir Üniversitesi (2011-2016)
2. Üniversite Yönetim Kurulu Üyesi, İzmir Üniversitesi (2014-2016)
3. Donanım Anabilim Dalı Başkanı, Bilgisayar Mühendisliği, Ege Üniversitesi (1986-1992)
4. Rektör Yardımcısı, Girne Amerikan Üniversitesi (2018-)

10. Bilimsel ve Mesleki Kuruluşlara Üyelikler

1. IEEE Üyesi (1982-2016)
2. Elektrik Mühendisleri Odası Üyesi (1973-2018)
3. Member of The NATO Advisory Panel for the Special Programme on Advanced Educational Technology (1990-1993)

11.

Ödüller

Milli Eğitim Bakanlığı Yurtdışı Doktora Bursu (1976-1979)

12. Son iki yılda verdiğiniz lisans ve lisansüstü düzeydeki dersler için aşağıdaki tabloyu doldurunuz.

Akademik Yıl	Dönem	Dersin Adı	Haftalık Saati		Öğrenci Sayısı
			Teorik	Uygulama	
2018-2019	Güz	CEN305	2	2	23
		CEN507	3	2	12
	İlkbahar				
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