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EĞİTİM BİLGİLERİ			
	OKUL ADI	BÖLÜM/PROGRAM	MEZUNİYET YILI
ÜNİVERSİTE	ODTÜ	ELEKTRİK ELEKTRONİK MÜH	1973
YÜKSEK LİSANS	RENSSELAER POLYTECHNIC INSTITUTE, TROY, NY, ABD	BİLGİSAYAR BİLİMLERİ	1976
DOKTORA	UNIVERSITY OF MANITOBA, KANADA	ELEKTRİK MÜH	1982

ANAHTAR KELİME/CÜMLECİKLERLE UZMANLIK ALANI
Bilgisayar Donanım ve Yazılımı, Yazılım Mühendisliği, Yazılım Yönetimi, Bilgi Sistemleri.

AKADEMİK/MESLEKİ DENEYİMİ			
KURUM / ŞİRKET ADI	BÖLÜMÜ	GÖREVİ	TARİH (Başlangıç-Bitiş)
ODTÜ	Elektrik Elektronik Mühendisliği	Yardımcı Doçent	1984
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ODTÜ	Elektrik Elektronik Mühendisliği	Profesör	1995
ODTÜ	Enformatik Enstitüsü Bilişim Sistemleri	Anabilim Dalı Başkanı	1997-2003
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YABANCI DİLLER			
DİL	BELGE TÜRÜ (VARSA)	PUANI/SEVİYE	BELGE TARİHİ

SAHİP OLDUĞU PATENT / SERTİFİKA VE KURS BELGELERİ

Bereketli, A., Bilgen, S., US2015036463 (A1) - SENSOR FOR REMOTELY POWERED UNDERWATER ACOUSTIC SENSOR NETWORKS (RPUASN)

Bereketli, A., Bilgen, S., TR 2013 09368B – Uzaktan enerji beslemeli sualtı akustik algılayıcı ağlar (ubsaaa) için algılayıcı

YER ALDIĞI PROJELER

PROJE İSMİ	DESTEK VEREN KURUM/YIL/BÜTÇE	PROJEDEKİ GÖREVİ (Yürütücü/Araştırmacı olarak)

YAYIN LİSTESİ

Uluslararası hakemli dergilerde yayınlanan makaleler

On communications networking and mathematical models:

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2. Bilgen, S., Deligönül, Z.Ş., "A Note on the Choice of Numerical Integration Scheme in Solving the Renewal Equation", J. Statist. Comput. Simul., 20, 1984, 81-84.
3. Bilgen, S., Deligönül, Z.Ş., "Weibull Renewal Equation Solution", Computing, 39, 1987, 71-76.
4. Bilgen, S., Aykut, M., Ekinci, O., "A Forms Class Virtual Terminal Service Project", Computer Networks and ISDN Systems, 14, 1987, 305-309.
5. Bilgen, S., Altıntaş, O., "An Approximate Solution for the Resequencing Problem in Packet-Switching", IEEE Trans. Comm., 42:2/3/4, 1994, 229-232.
6. Salamah, M., Bilgen, S., "Distributed Memory Multiprocessor Communications", ELEKTRİK, Turkish Journal of Electrical Engineering and Computer Sciences, 4:1-2-3, 1996, 1-23.
7. Koçyiğit, A., Bilgen, S., "Statistically Predictive Optimal Routing and Wavelength Assignment in All-Optical Networks", Optical Networks Magazine, 4:6, November/December 2003, 121-133.
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11. Bereketli, A., Bilgen, S., "Remotely Powered Underwater Acoustic Sensor Networks", *IEEE Sensors*, December 2012, pp 3467-3472.

On information systems:

1. Özkan, S., Hackney, R.A., Bilgen, S., "Process Based Information Systems Evaluation: Towards the attributes of 'PRISE'", *Journal of Enterprise Information Management*, 20: 6, 2007, pp. 700 – 725.
2. Atalag K, Bilgen S, Gur G, Boyacioglu S, "Evaluation of the Turkish translation of the Minimal Standard Terminology for Digestive Endoscopy by development of an endoscopic information system", *Turkish Journal of Gastroenterology (SCIE)*, 18:3, 2007, pp. 157-164.
3. Özkan, S., Çakır, M, Bilgen, S. "A Maturity Based Qualitative Information Systems Effectiveness Evaluation of a Public Organization in Turkey", *Journal of Cases on Information Technology (JCIT)*, 10: 3, July-September 2008, pp.58-71, ISSN: 1548-7717; EISSN: 1548-7725.
4. Güçlü, N., Bilgen, S., "Modelling and Assessment of the Effectiveness of Government Information Technologies - Value Space Approach with a Public Sector Case Study in Turkey", *Electronic Journal of Information Systems in Developing Countries – EJISDC*, (2011) 45, 4, pp. 1-30.
5. Tanrıöver, Ö.Ö., Bilgen, S., "A framework for reviewing domain specific conceptual models", *Computer Standards & Interfaces*, 33 (2011), pp. 448-464.
6. Chouseinoglou, O., İren, D., Karagöz, N. A., Bilgen, S., "AiOLoS: A model for assessing organizational learning in software development organizations", *Information and Software Technology*, Volume 55, Issue 11, November 2013, Pages 1904-1924, ISSN 0950-5849, <http://dx.doi.org/10.1016/j.infsof.2013.05.004>.
7. Yarlıkas, S., Bilgen, S. "Cloud Computing Effectiveness Assessment", *International Journal of Cloud Computing and Services Science (IJ-CLOSER)* (2013), Vol.2, No.4, pp. 226-248.
8. Kahraman, G., Bilgen, S., "A framework for qualitative assessment of domain-specific languages", *Software and Systems Modeling* (2013), [DOI 10.1007/s10270-013-0387-8]
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10. Chouseinoglou, O., Bilgen, S., "Introducing critical thinking to software engineering education", *Software Engineering Research, Management and Applications*, (2014) pp. 183-195. [DOI: 10.1007/978-3-319-00948-3_12]
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1. İzmirli, Ö., Bilgen, S., "A Model for Tonal Context Time Course Calculation from Accoustical Input", *Journal of New Music Research*, 25:3, 1996, 276-288.
2. Bora, U., Tufan, S., Bilgen, S., "A Tool for Comparison of Piano Performances", *Journal of New Music Research*, , 29:1, 2000, 85-99.

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3. Ekinci, O., Bilgen, S., "Implementation of ISO Virtual Terminal Protocol over MS-DOS", ISCISIII: Third International Symposium on Computer and Information Sciences, Izmir, 1988, 12-18.
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5. Altıntaş, O., Bilgen, S., "An Approximate Solution of the Resequencing Problem in Packet Switching Networks", NATO Advanced Research Workshop on Architecture and Performance Issues of High Capacity Local and Metropolitan Area Networks, France, 1990.
6. Salamah, M., Bilgen, S., "Structural Performance Analysis of the Generalized Hypercube", ISCISV: Fifth International Symposium on Computer and Information Sciences, Cappadocia, 1990.
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9. Kuşdemir, L., Bilgen, S., "A Highly Parallelized Architecture for a DQDB Node", International Conference on Network Protocols, ICNP'93, San Francisco, 1993, 27-34.
10. Memişoğlu, T., Bilgen, S., "An Adaptive Hybrid ARQ Scheme Based on Exponentially Weighted Moving Averages for Slowly Time-Varying Communication Channels", IEEE International Symposium on Information Theory, Trondheim, 1994.
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12. Salamah, M., Bilgen, S., "An ATM Based Multiprocessor Communication Architecture", ISCIS X, International Symposium on Computer and Information Sciences, Kuşadası, 1995, 785-792.
13. Bilgen, S., Salamah, M., "Performance of the Double-LIB Architecture", IEEE MELECON'96, Bari, Italy, 1996.
14. Germen, E., Bilgen, S., "A Statistical Approach to Determine the Neighbourhood Function and Learning Rate in Self-Organizing Maps", Progress in Connectionist-Based Information Systems, Proceedings of the 1997 International Conference on Information Processing and Intelligent Information Systems, ICONIP'97, Vol.1, 334-337, Springer, 1997.
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16. Başbuğoğlu, O., Bilgen, S., "A Distributed Minimal Congestion Routing Algorithm for WDM Networks", ISCIS XIV, International Symposium on Computer and Information Sciences, Kuşadası, 1999, 685-692.
17. Germen, E., Bilgen, S., "StatSOM: A Statistical Approach to Determine the Parameters of Kohonen's SOM", ISCIS XIV, International Symposium on Computer and Information Sciences, Kusadası, 1999, 763-770.
18. Koçyiğit, A., Bilgen, S., "Statistically Predictive Optical Wavelength Routing", ISCIS XV, International Symposium on Computer and Information Sciences, İstanbul, 2000, 358-365.
19. Demirci, T., Bilgen, S., "A Performance Study on Real-Time IP Multicasting", ISCC'03, Eighth IEEE International Symposium on Communications and Computers, Antalya, 2003.
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On information systems:

1. Bilgen, S., "Internet-Based Graduate Training: An Experience with Group Projects", SIMPLAC'2002, Latin American and Caribbean Symposium on Education, Science and Culture in the Information Society, Havana, 2002.
2. Özkan, S., Bilgen, S., "Notes Towards IS Assessment: A Comparison of two Models within the Context of the Internet", Proc. Int. Assoc. Development of Information Society (IADIS) International Conference WWW/Internet 2003, Algarve, Portugal, Vol.2, pp.1215-1219.
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4. Atalağ, K., Bilgen, S., "Multi-Level Modeling and the Role of Archetypes in the Design of Health Information Systems: A Modeling Example in Endoscopy", HIBIT'07 International Symposium on Health Informatics and Bioinformatics, Antalya, Turkey, May 2007.
5. Tanrıöver, Ö., Bilgen, S., "An Inspection Approach for Conceptual Models for the Mission Space Developed in Domain Specific Notations of UML", SIW'07 Fall Software Interoperability Workshop, Orlando, Florida, September 2007.
(http://www.sisostds.org/conference/download.cfm?Phase_ID=2&FileName=07F-SIW-031.pdf)
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7. Kaşıkçı, B.C.C., Bilgen, S., "Scalable Modeling of Software Product Line Variability", SPLC'09, International Software Product Line Conference, San Francisco, August 2009, pp. 134-141.
8. Güçlü, N., Bilgen, S., "Process Based Public Value and Effectiveness of Government Information Systems", RCIS2010, Proceedings of Research Challenges in Information Systems, Nice, France, 2010, pp.429-436.
9. Güçlü, N., Bilgen, S., "Modeling and Assessment of the Effectiveness of Government Information Systems", IAMOT 2010, Proceedings of 19th International Conference on Management of Technology, Cairo, Egypt, 2010,
10. Uçar, E., Bilgen, S., "Effectiveness of Information Systems Outsourcing: An Exploratory Case Study", IADIS-IS2012, IADIS International Conference on Information Systems, Berlin, 2012, pp. 383-387.
11. Yarlikas, S., Bilgen, S., "Economic and Technical Assessment of Cloud Computing", CLOSER2012, Proceedings of the 2nd International Conference on Cloud Computing and Services Science, Lisbon, 2012, 167-172.
12. Chouseinoglou, O., Bilgen, S., "A Model for Assessing Organizational Learning in Software Development Organizations", HCSE 2012, Toulouse, France, October 2012, LNCS 7623, 251-258.
13. Yılmaz Taştekin, S., Erten, Y. M., Bilgen, S., "Product Development Time Improvement with Requirements Reuse", The Seventh International Conference on Software Engineering Advances, ICSEA 2012, November 18-23, 2012 - Lisbon, Portuga, pp. 394-400.
14. Özen, G., Karagöz, N. A., Chouseinoglou, O., Bilgen, S., "Assessing Organizational Learning in IT Organizations: An experience report from industry", 23rd International Workshop on

- Software Measurement (IWSM) and the 8th International Conference on Software Process and Product Measurement (Mensura) (IWSM-MENSURA 2013), Ankara, 23-25 October 2013.
15. Chouseinoglou, O., Bilgen, S., "Introducing Critical Thinking to Software Engineering Education", Software Engineering Research, Management and Applications, Studies in Computational Intelligence Volume 496, 2014, pp 183-195.
 16. Tüzün, E., Tekinerdogan, B., Bilgen, S., "Deriving Metrics to Support Software Product Line Feasibility Analysis", ICSR Workshop, DReMeR'13.
 17. Erturan, Y.N., Bilgen, S., Tokdemir, G., Cagiltay, N.E., Ozcebe, E., "A Mobile Application Flow Representation for Mutual Understanding of IT and Healthcare Professionals", M. Kurosu (Ed.): Human-Computer Interaction, Part I, HCII 2013, LNCS 8004, pp. 310-319, 2013.
 18. Asan, E., Albrecht, O., Bilgen, S., "Handling Complexity in System of Systems Projects – Lessons Learned from MBSE Efforts in Border Security Projects", Proc. Fourth Int. Conf. Complex Systems Design & Management, CSD&M 2013, pp. 281-299.(Best Paper Award)
 19. Deniz, B., Bilgen, S., "An Empirical Study of Software Reuse and Quality in an Industrial Setting", B. Murgante et al. (Eds.): ICCSA 2014, Part V, LNCS 8583, pp. 508-523, 2014.
 20. Yildiz, E., Bilgen, S., Tokdemir, G., Çağiltay, N.E., Erturan, Y.N., "Analysis of B2C Mobile Application Characteristics and Quality Factors Based on ISO 25010 Quality Model", MWIS2014, LNCS 8640, pp 261-274, 2014.
 21. Iren, D., Kul, G., Bilgen, S., "Utilization of synergetic human-machine clouds: a big data cleaning case", Proc. 1st International Workshop on CrowdSourcing in Software Engineering CSI-SE 2014, pp. 15-18.
 22. Iren, D., Bilgen, S., "Cost models of quality assurance in crowdsourcing", IEEE Fifth Int'l Conf. On Communications and Electronics (ICCE), 2014, pp. 504-509.

On music processing:

1. Germen, E., Bilgen, S., Yücel, M.D., "A Microprocessor-Based System for Transcription and Processing of Single-Part Music", 10th International Conference on Artificial Intelligence, Workshop W12, Vienna, 1992.
2. İzmirli, Ö., Bilgen, S., "Classification of Note-Rhythm Complexities in Melodies Using a Neural Network Model", 10th International Conference on Artificial Intelligence, Workshop W12, Vienna, 1992.
3. İzmirli, Ö., Bilgen, S., "Recognition of Musical Tonality with Finite State Automata", International Symposium on Computer and Information Sciences, ISCIS VIII, Istanbul, 1993.
4. İzmirli, Ö., Bilgen, S., "Single and Multi-part Tonal Context Determination", International Conference on Music Perception and Recognition ICMPC III, Liege, 1994.
5. İzmirli, Ö., Bilgen, S., "Recognition of Musical Tonality from Sound Input", IEEE MELECON'94, Antalya, 1994.
6. İzmirli, Ö., Bilgen, S., "A Multiple Frequency Tracking Algorithm", JIM'96, Computer Music Conference, Caen, France, 1996.
7. Bora, U., Bilgen, S., "Computational Comparison of Piano Performances", ISCIS XIV, International Symposium on Computer and Information Sciences, Kuşadası, 1999, 168-176.

Yazılan uluslararası kitaplar veya kitaplarda bölümler

1. İzmirli, O. and Bilgen, S. "Multiple Fundamental Tracking for Polyphonic Note Recognition" pp. 305-314 in M Chemillier and F. Pachet (Ed.s), Recherches et Applications en Informatique Musical, Hermes Editors, 1998.
2. Tanrıöver, Ö., Bilgen, S., "Ch. 15. UML-Based Conceptual Models and V&V," in S. Robinson, R. Brooks, K. Kotiadis, D.-J. Van Der Zee (Ed.s), Conceptual Modeling for Discrete-Event Simulation, Taylor & Francis, 2010.
3. Asan, E., Bilgen, S., "Ch. 4. Agility Problems in Traditional Systems Engineering - A Case Study" pp. 53-71, Complex Systems Design & Management, Springer, Berlin, Heidelberg, 2013. doi:10.1007/978-3-642-34404-6_4.

4. Asan, E., Albrecht, O., Bilgen, S., "Handling Complexity in System of Systems Projects – Lessons Learned from MBSE Efforts in Border Security Projects" pp. 281-299, Complex Systems Design & Management, Springer International Publishing, 2014. doi: 10.1007/978-3-319-02812-5_21.
5. Güçlü, A. N., Bilgen, S., Medeni, T. D., Alır, G., & Medeni, İ. T., "Management of Strategic Knowledge and Technology in Government Agencies for Public Value" pp. 4629-4640 in M. Khosrow-Pour (Ed.), Encyclopedia of Information Science and Technology, Third Edition, Hershey, PA: Information Science Reference, 2015. doi:10.4018/978-1-4666-5888-2.ch454
6. Yarlikaş, S., & Bilgen, S., "Ch. 12. Measures for Cloud Computing Effectiveness Assessment" pp. 251-271 in Information Resources Management Association (Ed.), Web-Based Services: Concepts, Methodologies, Tools, and Applications, Hershey, PA: Information Science Reference, 2016. doi:10.4018/978-1-4666-9466-8.ch012.

Ulusal hakemli dergilerde yayınlanan makaleler

1. Bilgen, S., "Gelişmekte Olan Ülkeler ve Bilişim Uygulayım Bilimi", ODTÜ Gelişme Dergisi, 9:1, 1982, 87-97.
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Ulusal bilimsel toplantılarda sunulan ve bildiri kitabında basılan bildiriler

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DiĞER AKADEMİK FAALİYETLERİ (Hakemlik/Danışmanlık/Editörlük Deneyimi)

Son bir yılda uluslararası indekslere kayıtlı yayınlar (makale/derleme)	Tastekin, S.Y., Erten, Y.M., Bilgen, S., "Accounting for Product Similarity in Software Project Duration Estimation", International Journal of Software Engineering and Knowledge Engineering (IJSEKE), 26:1, 2016, 63-86. (SCI-E)		
Son bir yılda danışmanlık yapılan projeler			
Danışmanlığı yapılan öğrenci sayısı		Tamamlanan	Devam Eden
	Y. Lisans	102	
	Doktora	28	
	Uzmanlık		
Editör/Yardımcı Editör olarak görev yapılan dergiler	2009-present: The Computer Journal, published by the British Computer Society. 2008-present: Editor for Turkish Journal of Electrical Engineering and Computer Sciences (ELEKTRİK).		

	<p>2000-present: Consulting Editor for Anadolu University Journal of Science and Technology, Eskişehir.</p> <p>2014: IEEE Communications Letters; Advances in Software Engineering.</p> <p>2013: EURASIP Journal on Wireless Communications and Networking.</p> <p>2004: Gazi Üniversitesi Fen Bilimleri Enstitüsü Dergisi.</p> <p>2004: Yıldız Teknik Üniversitesi Dergisi.</p> <p>2004: IEEE Journal on Special Areas in Communication (JSAC) – Special Issue on Optical Networking.</p> <p>1991: IEEE Transactions on Communications.</p>
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ÜYESİ BULUNULAN KURULUŞLAR (ODA-DERNEK-VAKIF-PARTİ VB) VE GÖREVİ

1990 - ... : ODTÜ Öğretim Elemanları Derneği, Kurucu, iki dönem Yönetim Kurulu Başkanı
1994 - ... : Dil Derneği Üyesi
2001-2008: ODTÜ MODSİMMER Yönetim Kurulu Üyesi
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