

EK-4

ÖZGEÇMİŞ (ÖRNEK FORM)

- 1. Adı Soyadı:** Kayhan ERCİYEŞ
- 2. Doğum Tarihi:** 30.11.1956
- 3. Unvanı:** Profesör
- 4. Öğrenim Durumu:**

Derece	Alan	Üniversite	Yıl
Lisans	Elektrik ve Elektronik Müh.	University of Manchester Institute of Science and Technology	1979
Y. Lisans	Elektronik Kontrol Müh.	Salford University	1983
Doktora	Bilgisayar Mühendisliği	Ege Üniversitesi	1989

5. Akademik Unvanlar:

Yardımcı Doçentlik Tarihi : 1990
Doçentlik Tarihi : 1993
Profesörlük Tarihi : 1999

6. Yönetilen Yüksek Lisans ve Doktora Tezleri

6.1. Yüksek Lisans Tezleri

1. Ali Burak Kulakli, /MS, 2008) Time Synchronization in Wireless Sensor Networks, , Izmir Institute of Technology.
2. Deniz Ozsoyeller, (MS, 2008), Design of a Gama Synchronizer for Wireless Sensor Networks, Ege University International Computer Institute.
3. Deniz Cokuslu (MS, 2007), Dominating Set based Clustering in Mobile Ad hoc Networks, Izmir Institute of Technology.
4. Orhan Dagdeviren (MS, 2006), A Cluster based Communication Architecture for Distributed Applications in Mobile Networks, Izmir Institute of Technology.
5. Geoffrey Marshall (MS, 2004), A Cluster Based Hierarchical Routing Protocol for Mobile Networks, California State University, San Marcos, Computer Sc. Dept.
6. Ali Alp (MS, 2002): Implementation of Dynamic Parallel Matrix Libraries on a Cluster of Workstations, Ege University International Computer Institute
7. Hasan Ogul (MS, 2001) : Parallel DNA Sequence Alignment Algorithms, Ege University International Computer Institute
8. Ahmet Sahan (MS, 2002): Fault Tolerance Using Group Communication in Distributed Real-time Systems, Ege University International Computer Institute
9. Oguz Akay (MS, 2002) : Dynamic Scheduling in Fault-tolerant Distributed Real-time Systems, Ege University International Computer Institute

10. Belma Sahin (MS, 2001): Implementation of Fault Tolerant Routing Algorithms, University Ege International Computer Institute
11. Betül Turhal (MS, 2000): Parallel Solution of Sparse Linear Systems on Cluster of Workstations Using Graph Partitioning Methods, University International Computer Institute
12. Zehra Soysert (MS, 1998): Process Allocation in Distributed Real-time Systems, University International Computer Institute
13. Akile Sahin (MS, 1998): Distributed Routing Algorithms for Computer Networks, University International Computer Institute
14. Atilla Ozerdim (MS, 1994): A Personal Computer Based Integrated Services Digital Network D-Channel Basic Interface Monitor/Simulator Design, Ege University, Computer Eng. Dept.
15. Ozgur Ozkasap (MS, 1993): Static Scheduling in Real-Time Systems, Ege University, Computer Eng. Dept.
16. Nilgun Baykal (MS, 1993): Dynamic Scheduling in Real-time Systems, Ege University, Computer Eng. Dept.

6.2. Doktora Tezleri

1. Orhan Dagdeviren, (devam ediyor) : Telsiz Duyarga Ağlarında Eşleme Temelli Kümeleme algoritmaları.
2. Deniz Cokuslu, (devam ediyor) : Ders aşamasında, konu belirlenmedi.
3. Deniz Ozsoyeller, (devam ediyor) : Ders aşamasında, konu belirlenmedi.
4. Ayşegül Alaybey devam ediyor) : Telsiz Duyarga Ağlarında Hızlı Hedef Tayini için Algoritmalar

7. Yayınlar

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

1. Erciyes, K., Dagdeviren, O., Cokuslu, D., Ozsoyeller, D., A Survey of Graph Theoretic Clustering Algorithms in Mobile Ad hoc Networks and Wireless Sensor Networks, Journal of Applied and Computational Mathematics, 2-6, 2007, pp. 162-180.
2. Erciyes, K, A Replication-based Fault Tolerance Protocol using Group Communication for the Grid, ISPA 2006, Springer Verlag LNCS (2006).
3. Dagdeviren, O., Erciyes, K., A Distributed Backbone Formation Algorithm for Mobile Ad hoc Networks, ISPA 2006, Springer Verlag LNCS (2006).
4. Erciyes, K, Dagdeviren, O, Payli, R.U., Performance Evaluation of Group Communication Architectures in Large Scale Systems using MPI, International

Conference on Grid computing, high-performance and Distributed Applications (GADA'06), Springer Verlag LNCS (2006).

5. Dagdeviren, O., Erciyes, K., Cokuslu, D., A Merging Clustering Algorithm for Mobile Ad hoc Networks, ICCSA 2006, Springer Verlag LNCS.
6. Cokuslu, D., Erciyes, K., Dagdeviren, O., A Dominating Set Based Clustering Algorithm for Mobile Ad hoc Networks, ICCS 2006, Springer Verlag, LNCS, (2006).
7. Dagdeviren, O., Erciyes, K., Cokuslu, D., Merging Clustering algorithms in Mobile Ad hoc Networks, ICDCIT 2005, Springer Verlag LNCS.
8. Erciyes, K., Soysert, Z., Static Real-time Scheduling Algorithms using Graph Partitioning, ICCS2005, Springer Verlag, LNCS 3514, (2005), pp. 196-203.
9. Marshall, G., Erciyes, K., Implementation of a Cluster Based Routing Protocol for Mobile Networks, ICCS2005, Springer Verlag, LNCS 3514, (2005), pp. 388-395.
10. Erciyes, K., Payli, R., U., A Cluster-based Dynamic Load Balancing Middleware Protocol for Grids, EGC2005, Springer Verlag, LNCS 3470, (2005), pp. 805-812.
11. Erciyes, K., Alp, A., Marshall, G, Serial and Parallel Multilevel Graph partitioning using Fixed Centers, Sofsem 2005, Springer-Verlag, LNCS 3381, (2005), pp.127-136.
12. Erciyes, K., Cluster-based Distributed Mutual Exclusion Algorithms for Mobile Networks , EUROPAR 2004, Springer-Verlag, LNCS 3149, pp. 933-940
13. Erciyes, K., Distributed Mutual Exclusion Algorithms on a Ring of Clusters, Springer-Verlag, LNCS, ICCSA (3) 2004: 518-527,
14. Erciyes, K., Sahan, A., A Real-time Total Order Multicast Protocol, Springer-Verlag, LNCS, ICCS 2004: 357-364,
15. Erciyes, K., Marshall, G., A Cluster Based Hierarchical Routing Protocol for Mobile Networks, Springer-Verlag, LNCS, ICCSA (3) 2004: 528-537
16. Sağlam, O, Dalkılıç, M., E., Erciyes, K., Design and Implementation of A Secure Group Communication Protocol on A Fault Tolerant Ring, Springer-Verlag, LNCS, ISCIS 2003: 802-810
17. Allahverdi, N, Kahramanli, S, Erciyes,K., A Fault Tolerant Routing Algorithm Based on Cube Algebra for Hypercube Systems , Journal of System Architecture (JSA), Vol.46-2, pp. 201-205. (2000)

7.2. Uluslararası diğer hakemli dergilerde yayınlanan makaleler

1. Akay, O, Erciyes, K (2003), A Dynamic Load Balancing Model For A Distributed System, Journal of Mathematical and Computational Applications ,Vol.8 No:1-3 (Special Issue),
2. Tunali, T, Erciyes, K., Soysert, Z.(2000), A Hierarchical Fault-Tolerant Ring Protocol For A Distributed Real-Time System, Special issue of Parallel and Distributed Computing Practices on Parallel and Distributed Real-Time Systems, Vol. 2, No. 1, 2000

3. Bakkaloglu, B., Erciyes, K., Koc, C.K., (1996), A Parallelization of Parlett's Algorithm for Functions of Triangular Matrices, Journal of Parallel Algorithms and Applications, Vol. 11/1-2, pp.61-69.
4. Erciyes,K., Ozkasap,O., Baykal, N., (1995), A Semi-distributed Load Balancing Model for Parallel Real-time Systems', Informatica, Special Issue: Parallel and Distributed Real-time Systems,Vol. 19-1, pp.97-109.

7.3. Uluslararası bilimsel toplantılarda sunulan ve bildiri kitabında (*Proceedings*) basılan bildiriler

1. Ozsoyeller, D., Erciyes, K., A Hierarchical Architecture to Implement a γ Synchronizer in Wireless Sensor Networks, IEEE International Symposium on Computer and Information Sciences 2008.
2. Kulakli, B., Erciyes, K., Time Synchronization Algorithms based on Timing-Synch Protocol in Wireless Sensor Networks, IEEE International Symposium on Computer and Information Sciences 2008.
3. Cokuslu, D., Erciyes, K. (2007), A Hierarchical Connected Dominating Set based Clustering Algorithm for Mobile Ad hoc Networks, IEEE International Symposium on Modeling, Analysis, and Simulation of Computer and Telecommunication Systems (MASCOTS), Istanbul, Turkey.
4. Erciyes, K., Dagdeviren, O. (2006), Modelling and Simulation of Wireless Sensor and Mobile Ad hoc Networks, Proc. of Int. Conference on Modelling and Simulation, 28-30 August 2006, Konya, Turkey.
5. Akay, O, Erciyes, K (2002), A Dynamic Load Balancing Model For A Distributed System, International Conf. on Mathematical and Computational Applications, ICMCA'2002 , Konya, Turkey
6. Erciyes,K., (2001), Implementation of A Scalable Ring Protocol for Fault Tolerance in Distributed Real-Time Systems, Computer Networks Symposium 2001 - BAS 2001, June 21-22.
7. Ogul, H., Erciyes,K., (2001), Identifying All Local and Global Alignments between Two DNA Sequences, ISCIS XVII, October 2001, Antalya,Turkey.
8. Alakent,B, Erciyes,K.(2001), Smart Card Applications Overview and a Proposal for Integrating Driving License Card with Citizenship Card, accepted, 3rd International Symposium on Intelligent Manufacturing Systems, IMS'2001: Visions for the Future.
9. Allahverdi,N,Erciyes,K.(1998), Extension of Non-faulty Subcubes Set In a Faulty Hypercube Multiprocessor, Proc. of JCIS'98, Association for Intelligent Machinery, Oct. 23-28,1998,N.C.,USA.
10. Tunali,T., Erciyes,K., Soysert, Z.(1998), A Ring Protocol For A Cluster Based Distributed System, BAS'98, Proc. of The Third Symposium on Computer Networks , May 98, Izmir, Turkey.
11. Ozkasap,O., Tunali,T.,Erciyes,K.(1997), A Fault Tolerant Distributed Clock Synchronization Method For A Real-Time Group Communication Model'. (1997), Proc. of International

Symposium on Computer and Information Sciences (ISCIS XII), Antalya, Turkey, October 1997.

12. Erciyes,K.,Ozkasap,O.,Aktas,N.(1994), A Load Balancing Model for a Massively Parallel Processing System, Proc. of International Symposium on Computer and Information Sciences (ISCIS IX), Antalya, Turkey, October 1994.
13. Aktas,N., Erciyes,K.(1994), Dynamic Load Balancing in a Parallel Processing System, Proc. of Software for Multiprocessors and Supercomputers, Theory, Practice, Experience (SMS TPE'94), Moscow, Russia, September 21-23, 1994.
14. Uygun, E., Erciyes,K.(1994), Realization of A Real-time Multitasking Operating System Kernel By Object Oriented Methods, Proc. of Automation and Computer Symposium , Istanbul, Turkey, April 1994 (In Turkish).
15. Ozerdim,A.,Erciyes,K.(1993), A Personal Computer Based Integrated Services Digital Network D-Channel Basic Interface Monitor/Simulator, Proc. of IEEE Singapore International Conference on Networks, 6-11 September 1993.
16. Ozerdim, A.,Erciyes, K. (1993), An Integrated Services Digital Network D-Channel Basic Interface Monitor/Simulator Design, Proc. of the Turkish Electrical Engineers Board 6th Conference,Trabzon, Turkiye, September 1993 (in Turkish).
17. Sinanoglu, E.B., Erciyes, K.(1993), A Practical Implementation of a Distributed Control System, Proc. of the Turkish Electrical Engineers Board 6th Conference, Trabzon, Turkiye, September 1993 (in Turkish)
18. Inceoglu, M., Erciyes, K. (1992), A Parallel Algorithm to Solve Lagrange-Euler Equation for Dynamic Control of A Robot Arm, short paper, the 12th World Computer Congress IFIP 92, Madrid, Spain, September 7-11 1992.
19. Erciyes, K., Yilmaz, S. (1991), Dynamic Load Balancing in A Distributed System, Proc. of MELECON '91, Mediterranean Electrotechnical Conference, Ljubljana, Yugoslavia, IEEE Region 8.
20. Erciyes, K.,Yilmaz, S., Tunali, T. (1990), A Communication Architecture For A Distributed Operating System, Proc. of the Fifth International Symposium on Computer and Information Sciences, Cappadocia, Turkey, Vol.2, pp. 789-796.
21. Yilmaz, S., Erciyes, K. (1990), Research Issues and the State of Art in Real-Time Computing Systems, Proc. of the 1990 International Conference on Communication, Control and Signal Processing, pp.1677-1683, Vol II, Elsevier Publishing 1990.
22. Tunali, T., Erciyes, K., Kavalci, V. (1989), A Local Network for A Multiprocessor Controller, Proc. of the Fourth International Symposium on Computer and Information Sciences, Izmir, Turkey, Nova Science Publishers Inc., Commack, New York, Vol.1, pp.659-668.
23. Erciyes, K. (1988), A Communication Sub-system for A Distributed Real-Time Operating System, Proc.of the Third International Symposium on Computer and Information Sciences, Izmir, Turkey, 1988 pp. 633-642.
24. Erciyes, K. (1986), A Real-Time Multi-tasking Executive, short paper, NATO ASI on Distributed Operating Systems, Cesme, Izmir, Turkey, 1986

7.4. Yazılan uluslararası kitaplar veya kitaplarda bölümler

7.5. Ulusal hakemli dergilerde yayınlanan makaleler

1. Tuğlular, T., Yildirim, S., Sinanoğlu, E.B., Erciyes, K., Cankaya, C. (1991), A Personal Computer Based Distributed Control System, Ege University Computer Research and Application Centre Journal, Vol.14, No. 1, 1991 (in Turkish).
2. Erciyes, K., Yılmaz, S., (1990), Design of A Real-Time Multi - Tasking Kernel for A Distributed Operating System, Journal of Ege University Science Institute, Vol.1, No.2, 1990 (in Turkish).

7.6. Ulusal bilimsel toplantılarda sunulan ve bildiri kitabında basılan bildiriler

1. Özsoyeller, D., Erciyes, K., Design and Implementation of a Gamma Synchronizer for Wireless Sensor Networks (in Turkish), 16th IEEE Conference in Signal Processing, Communication and Applications, Didim, 2008.
2. Cokuslu, D., Erciyes, K., A Flooding based Routing Algorithm for Mobile ad hoc Networks (in Turkish), 16th IEEE Conference in Signal Processing, Communication and Applications, Didim, 2008.
3. Erciyes, K. (2007), A Formal and Practical Method to Develop Distributed and Critical Software (in Turkish), National Software Engineering Symposium, Bilkent University, Ankara, Turkey

7.7. Diğer yayınlar

8. Projeler

1. European Community Project no: 017442 to establish Wireless Communication Networks and Multimedia Research Centre (IYTE Wireless), Euro 750,000, leader of Work Package 4
2. Ege University, International Computer Institute and INRIA of France project (supported by CNRS and TUBITAK) (2000): A Protocol for Fault Tolerance in Distributed Real-Time Systems. Coordinator.
3. Ege University Computer Engineering Project 94-MUH-01: Parallel and Distributed Operating Systems and Load Balancing Models For Massively Parallel Computing Systems and Heterogenous Distributed Computer Systems, 1997.
4. Ege University Computer Engineering Project 94-MUH-02: Remote Processing to a Transputer Based Personal Computer, 1997.
5. Ege University Computer Research and Application Centre Project No.92-05 : Design and Testing of Parallel and Distributed Computing Algorithms (using transputers), Coordinator.

9. İdari Görevler

1. 8.11.2004–27.6.2005 Bölüm Başkanı, İYTE Bilgisayar Müh. Bl.
2. 7.10.2005 – Şubat 2007 Bölüm Başkanı, İYTE Bilgisayar Müh. Bl.

10. Bilimsel ve Mesleki Kuruluşlara Üyelikler

1. ACM (Association for Computing Machinery)
2. TBD (Türkiye Bilişim Derneği)

11. Ödüller

- "Who is Who" da bir kaç kez listelenme
- "Who is Who in Engineering Education (2002)" (World) de listelenme
- İzmir Karsiyaka Rotaryan Klubü'nden Meslek Hizmet Ödülü 2000.
- SESAME Smart Card Application World Award 2000
- TÜBİTAK Büyük Teknoloji Ödülü 1999
- TUBİTAK yayın destek ödülleri

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	
2007-2008	Güz	Veri yapıları ve Algoritmalar (Y. Lisans)	3	0	30
		Dağıtık Algoritmalar (Y.Lisans)	3	0	3
	İlkbahar	Telsiz Duyarga Ağları (Y.Lisans)	3	0	10
		Algoritma Karmaşıklık Kuramı (doktora)	3	0	6
2008-2009	Güz	Veri yapıları ve Algoritmalar (Y. Lisans)	3	0	30
		Dağıtık Algoritmalar (doktora dersi oldu)	3	0	3
	İlkbahar				

Not: Açılmışsa, yaz döneminde verilen dersler de tabloya ilave edilecektir.