



CV

Dr. Ragıp BAŞBUĞ

EDUCATION

1989-1995: PhD., ITU EEF, Control and Computer Engineering
1986-1989: MSc., ITU EEF, Control and Computer Engineering
1985-1986: ITU Foreign Languages School. (English)
1980-1985: BS., ITU Faculty of Electrical and Electronics Eng.
1968-1979: High School, Adapazari

WORK EXPERIENCE

2012 – 13 Enson Teknoloji A.Ş. (Board Member)
2012 – 15 Inovistek DO. Macedonia, Skopje (Board Member)
2009 – ... ITO, Istanbul Chamber of Commerce (IT Committee Member, Council Member)
2008 – 15 Tubider Turkey ICT Association (Board Member, President)
2007 – ... Sunset Technology (General Manager)
2007 – ... Polosoft Software Ltd. Co. (General Manager)
2008 – ... OTOSoft Software Ltd. Co. (General Manager)
1999 – 01 Tesa Elektronik Scale Manufacturing Ltd. Co. (Board Member)
1995 – ... Mekatronik Software Ltd. Co. (General Manager)
1988 – 95 Elkon Control and Computer Systems Ltd. Co. (General Manager)
1995-2000 GYTE (GTU) Gebze Technical University, Computer Engineering Dep. (Assistant Professor. Dr.)
1992-1995 TUBITAK Reseach Center, Department of Robotics, (R&D Researcher)
1986-1992 ITU EE Department of Control and Computer Eng. (Research Assistant)

INTERESTS

1. Robotics, Industrial Automation and Process Control Systems.
2. Adaptive Control, Robust Control, Sliding Mode Control, Fuzzy Logic, Neural Networks, Artificial Intelligent, Uncertain and Nonlinear Control Systems.
3. User Interface Design, ERP DMS CRM BI Software Design, Software Scenario Development.
4. Electronics, Embedded Systems.
6. ERP, MRP, CRM, DMS, BI Software Design and Development.

OFFERED COURSES for MASTER and PhD. in the GYTE (GTU)

1. Adaptive Control
2. Robot Control
3. Adaptive Robot Control
4. Sliding Mode Control
5. Fuzzy Logic
6. Fuzzy Control
7. Neural Networks
8. Industrial Networks (scada)

SKILLS

1. Programming: OOP, C, C + +, Pascal, Delphi,
3. Database: Paradox, SQL, ORACLE.
4. Simulation: MATLAB Simulink, Simnon, MATCAD, SolidWorks
5. Foreign Language: English

PRODUCTS and PROJECTS

1. Industrial Robot Development R&D Project, TUBITAK MAM Robotic Department.
2. Cartesian Robot for Large Scale Oxy-Asetilene Metal Cutting Machine Project, Tulomsaş Locomotive Ind. Co.
3. SEKA Paper Mill Factory Automation and Process Control Project, Sandwell Inc. / Canada.
4. Painting Robot Design and Development, Mekatronik Co. Ltd.-TUBITAK Teknopark.
5. Welding Robot Design and Development, Mekatronik Co. Ltd.-TUBITAK Teknopark.
6. Electronic Scale R&D Project, Tesa Ontron - Mekatronik Co. Ltd.-TUBITAK Teknopark.
7. Robot Language and User Interface Design, TUBITAK.
8. POLOSOFT ERP and CRM Software, Mekatronik.
9. OTOSoft DMS ERP Software for Volkswagen Group, SEAT, SKODA, Dogus Holding – Mekatronik.
10. OTOSoft DMS ERP Software for MITSUBISHI Sabanci Holding – Mekatronik.
11. OTOSoft KOMNET Software for KOMATSU Sabanci Holding – Mekatronik.
12. OTOSoft DMS ERP Software for TEMSA Sabanci Holding – Mekatronik.
13. OTOSoft DMS ERP Software for SUZUKI – Mekatronik.
14. OTOSoft DMS ERP Software for TIRSAN Service – Mekatronik.
15. OTOSoft DMS ERP Software for SSANGYONG – Mekatronik.
16. RaksoNET e-Commerce B2B B2C C2C Software Development for SUNSET – Mekatronik.
17. RaksoNET e-Business Development Portal for Tumtrade – Mekatronik.
18. RaksoNET e-Newspaper Software – Mekatronik.
19. RaksoNET Cloud Based e-Magazine Flip Page Software Project – Mekatronik.
20. Sersa, Time Attandancy Control System – Mekatronik.
21. Pharmacy Management Software, Mekatronik.
22. UPS Uninterruptable Power Supply Design – Power Electornics Project, Elkon Co.
23. LIVE-BOX: Mobile Wifi Live Broadcasting and Streaming Device Design – Mekatronik, Teknopark Istanbul R&D Project.
24. LIVE WEB TV Broadcasting Platform Software Development - Mekatronik, Teknopark Istanbul R&D Project.
25. PHOTO-BOX Mobile Wifi Live Photo Transfer Device from SRL Photo Machines to the Cloud – Development, Mekatronik, Teknopark Istanbul R&D Project.
26. Mobile Live Security Tracing by using MicroCam with 360 deg Rotating Head for Under the Vehicle Security – Mekatronik, Teknopark Istanbul R&D Project.
27. Mobile (Android & IOS) E-Solution for Shooping in the Hotel Room – Mekatronik, Teknopark Istanbul R&D Project.
28. Cloud Base Automotive DMS System Development, Mekatronik, Teknopark Istanbul.
29. DMS ERP Project Development for CASE and SUMITOMO – Çukurova Ziraat Holding, Mekatronik.
30. DMS ERP Project Development for TATA and TVS – Isotlar A.Ş., Mekatronik, Teknopark Istanbul.
31. 3D Modelled Electronic MoneyBox for Kids: Voice Message, MoneyCounter, Wifi, Cloud, Bluetoot R&D by Arduino microcontroller - Halkbank, Mekatronik, Teknopark Istanbul.
32. Cloud Based Platform - Elecronic Potantial Customer HitCounter Device for Shopping and AutoShowroom R&D, Mekatronik, Teknopark Istanbul.
33. Optimal Fuzzy Waiting Time Controller and Sensor Design - People Counter for Multi Lifts: R&D Project, Mekatronik, Teknopark Istanbul.
34. Sugar Beet - Agricultural Production Management and ERP Solution Project Development – Adapazari Şeker Fab., Mekatronik.
35. Light Commercial Vehicle Manufacturing ERP Solution for GAZ-Gazelle Brand, Mersa A.Ş. Adapazari, Mekatronik.
36. ERP DMS Based SparePart Franchising Management System for FreeParts BV Co. Rotterdam Netherlands, Mekatronik.
37. ERP DMS Based SparePart Tecdoc E-PartsCatalog Integration for Adirek BV Co. Rotterdam Netherlands, Mekatronik.
38. ERP DMS Based SparePart Aldoc E-PartsCatalog Integration for Kılınclar BV Co. Rotterdam Netherlands, Mekatronik.
39. DMS Solution Development for DAF Kazakhstan, Mekatronik.
40. DMS Solution Development for Azerbaijan, Mekatronik.

41. Cloud Based Automotive DMS System Development, Mekatronik, Teknopark Istanbul.
42. Cloud Based Automotive DAT Parts E-Catalog and DMS Integration for all Brands, Mekatronik, Teknopark Istanbul.
43. Cloud Based Multi Business Frenchising Development Platform for HandMade Tile Products, Mekatronik, Teknopark Istanbul.
44. The Prevention of Unnecessary Imports: "Get Rid of Idle and Dead Stocks" Cloud Based Platform for Automotive Sector.

SCHOLARSHIPS AND MEMBERSHIP

TEV, Sumerbank Scholarship
 IEEE International Electric and Electronics Engineering Society, Membership
 ITO Istanbul Chamber of Commerce, Councilor Member and IT Commity Member
 EMO Membership
 TUBIDER IT Association of Turkey - Former President

PUBLICATIONS

1. R. BAŞBUĞ, "Robotic Systems-I", Information Processing Magazine, Issue 7, November 1993
2. R. BAŞBUĞ, "Robotic Systems-II", Information Processing Magazine, Issue 8, December 1993
3. R. BAŞBUĞ, "Robot Vision", Information Processing Magazine, Issue 9, January 1994
4. R. BAŞBUĞ, "Parallel Processors and Parallel Technology: Transputers", Information Processing Mag, Issue 8, Dec.1993
5. R. BAŞBUĞ, "Artificial Neural Networks", BYTE Turkey, Issue 1, February 1994.
6. R. BAŞBUĞ, "Fuzzy Microcontrollers", BYTE Turkey, Issue 8, September 1994.
7. R. BAŞBUĞ, A. Sabanovic, et al, "Adaptive Fuzzy Sliding Mode Control of Permanent Magnet DC Motor Controller Design", International Aerospace and Advanced Technologies Symposium HITEKS-95, March 8-10, 1995
8. R. BAŞBUĞ, F. Gürleyen, at al, "Robust Control of Industrial Robots", Ind. Automation Tech-95 Symposium, May 1995
9. R. BAŞBUĞ, F. Gürleyen, at al, "Adaptive Control of Industrial Robots", Ind. Automation Tech-95 Symposium, May 1995
10. R. BAŞBUĞ, F. Gürleyen, M. Ertugrul, A. Sabanovic, "Sliding Mode Control Applications for MAMROB Industrial Robot", International Workshop on Mechatronics and Modelling, TUBITAK-Modisa, METU, Ankara, 1995.
11. R. BAŞBUĞ, F. Gürleyen, at al, "New Approach to Robust Control of Industrial Robots", International Conference on Recent Advanced in Mechatronics, ICRA-95, August 14-16, Istanbul, 1995
12. K. ERBATUR, O. Kaynak, R. BAŞBUĞ, M. Ertugrul, "Fuzzy Adaptive Sliding Mode Control for Robotic Manipulators", First International Aerospace and Advanced Technologies Symposium HITEKS-95, March 8-10, 1995.
13. C. Sahin, M. Ertugrul, A. Sabanovic, R. BAŞBUĞ, K. ERBATUR, "CMAC-Based Adaptive Learning with Motion Control", First International Aerospace and Advanced Technologies Symposium HITEKS-95, March 8-10, 1995.
14. M. Ertugrul, O. Kaynak, R. BAŞBUĞ, C. Sahin, "Three Articulated Robot Chattering Free Sliding Mode Control", Industrial Automation Technologies Symposium, 30-31 March, Istanbul, 1995.
15. R. BAŞBUĞ, "Robust Control and Robust Effective Integral Control for MAMROB Robot", TUBITAK Marmara Research Center Technical Report, April-1995.
16. R. BAŞBUĞ, "Robust Adaptive Control of MAMROB Robot", TUBITAK Marmara Research Center, April-1995.
17. R. BAŞBUĞ, "PID, MRA and Mussel Control of MAMROB Robot" TUBITAK Marmara Research Center, April-1995.
18. R. BAŞBUĞ, K. ERBATUR, "Kinematic and Dynamic Model of MAMROB Robot", TUBITAK Marmara Research Center, April-1995.
19. R. BAŞBUĞ, M.ERTUĞRUL, A. Sabanovic, "Sliding Mode Control of MAMROB Robot" TUBITAK Marmara Research Center, April-1995.
20. R. BAŞBUĞ, "Robot Language Development and Man Machine User Interface Design for MAMROB Robot", TUBITAK Research Center, May-1995.
21. M. Ertugrul, A. Sabanovic, R. BAŞBUĞ "New Aproach to NeuFuzzy AGV Control System ", Mechatronics, 1996
22. BAŞBUĞ R., "Factory Automation MRP Software Development for Footwear Industry " TTGV Project. Software Development Center, ITU, 1998
23. BAŞBUĞ R., "Drug Warehouse Automation Software" TTGV Project. Software Development Center, ITU, 1998
24. BAŞBUĞ R., "Urban Information System Software for period of Crisis and Disaster", IBB Project Proposal, GYTE CM, 1999
25. GÜRDAL M, BAŞBUĞ R., "Sliding Mode Controller Design for Inverted Pendulum" GYTE CM, 1999
26. SEKER M, BAŞBUĞ R., "Fuzzy Controller Desing for Traffic Signalization System," GYTE CM, 1999
27. BAŞBUĞ R., "Adaptive Neuro Fuzzy Controller Design for Multiple Lift Systems" GYTE CM, 2000
28. BAŞBUĞ R., "OTOSoft DMS Software Manual for SEAT" Mekatronik 2000
29. BAŞBUĞ R., "OTOSoft DMS Software Manual for SKODA" Mekatronik 2001
30. BAŞBUĞ R., "OTOSoft DMS Software Manual for MITSUBISHI" Mekatronik 2003
31. BAŞBUĞ R., "What is ERP", Mekatronik, Tumtrade Economy Magazine, 2009
32. BAŞBUĞ R., "What is CRM", Mekatronik, Tumtrade Economy Magazine, 2009
33. BAŞBUĞ R., "Successful Companies can also go Bankrupt", Tumtrade Economy Magazine, 2010
34. BAŞBUĞ R., "Miracle of Internet in the Electonic Commerce", Tumtrade Economy Magazine, 2011
35. BAŞBUĞ R., "High Speed Train is Acting Economy", Tumtrade Economy Magazine, 2009

36. BAŞBUĞ R., “The story of an Airplane: First Aircraft Manufacturer in Turkey - Nuri Demirag”, Tumtrade Economy Magazine, 2010
37. BAŞBUĞ R., “Shining Star of Anatolian Lions in Economy”, Tumtrade Economy Magazine, 2010
38. BAŞBUĞ R., “Market Reseach – Franchasing Sector in Turkey”, Tumtrade Economy Magazine, 2011
39. BAŞBUĞ R., “Faces are happy in Agriculture: Who has afraid from crisis, they are hugging soil.”, Tumtrade Eco. Magazine, 2010
40. BAŞBUĞ R., “Stock Management, Profitability and Inventory Analysis”, Tumtrade Economy Magazine, 2010
41. BAŞBUĞ R., “CRM: You Said "the Customer is King", so what did you do for him?”, Tumtrade Economy Magazine, 2009
42. BAŞBUĞ R., “Organic Agriculture: Cucumber and Watermelon are giving Pumpkin Taste”, Tumtrade Economy, 2009
43. BAŞBUĞ R., “An Ecosystem Tour from Kuala Lumpur to Singapore” Tumtrade Economy Mag. 2009
44. BAŞBUĞ R., “CMS, CM, PM Management in Business Life”, Tumtrade Economy Magazine, 2010
45. BAŞBUĞ R., “Electronic Commerce Market is growing exponentially in Turkey – Sector Analysis”, IT World Magazine, Tubider, 2012
46. BAŞBUĞ R., “Damlator: The New Closed Loop Fuzzy Adaptive Controller Desing for Dripping Irrigation System by using Environmental and Soil Moisture Condition Sensors.”, Mekatronik, Kosgeb R&D Project Proposal, 2010
47. BAŞBUĞ R., “Turkish Language Voice Map Development for Speech to Text Convertor Inference System, Mekatronik, Kosgeb Project Proposal, 2010
48. BAŞBUĞ R., “Neuro Fuzzy Match Making Algorithm for relations between sectors.” Mekatronik, Kosgeb Project Proposal, 2012
49. BAŞBUĞ R., “Self Learning Neuro Fuzzy Decision Making System for ERP Systems – A new Approach” Mekatronik, Kosgeb Project Proposal, Prp, 2012