

# UGUR HALICI CURRICULUM VITAE

September 2008

## 1. GENERAL INFORMATION

|   |   |
|---|---|
| <b>Name Surname:</b> Ugur HALICI  | <b>Title:</b> Prof.Dr.                  |
| <b>Adress :</b><br>Computer Vision and Intelligent Systems Research Lab.<br>Dept of Electrical and Electronics Eng.<br>Middle East Technical University,<br>06531, Ankara, Turkey | <b>Date of Birth:</b> May 10th 1958     |
|   | <b>Place of Birth:</b> Erzincan, Turkey |
|   | <b>Gender:</b> Female                   |
| <b>e_mail :</b> halici@metu.edu.tr  | <b>Phone :</b> +90 312 210 2333         |
| <b>URL:</b> <a href="http://vision1.eee.metu.edu.tr/~halici/">http://vision1.eee.metu.edu.tr/~halici/</a>   | <b>Mobile:</b> +90 541 617 5683         |
| <b>URL:</b> <a href="http://formatd.net/ugur/halici.html">http://formatd.net/ugur/halici.html</a>   | <b>Fax :</b> +90 312 210 1261           |

## 2. EDUCATION

| Education Period | Degree          | Univrsiy                         | Department  |
|------------------|-----------------|----------------------------------|---|
| 1993             | Special student | Middle East Technical University | Dept. of Psychology                                       |
| 1983-1988        | Ph.D.           | Middle East Technical University | Computer Section, Dept. of Electrical and Electronics Eng |
| 1980-1983        | M.Sc            | Middle East Technical University | Computer Section, Dept. of Electrical and Electronics Eng |
| 1975-1980        | B.S.            | Middle East Technical University | Computer Section, Dept. of Electrical and Electronics Eng |

## 3. PROFESSION

| Period                   | Title                | Institution  | Department                              |
|--------------------------|----------------------|--|---|
| 01.10.1996 - Bugün       | Professor            | Middle East Technical University                         | Dept. of Electrical and Electronics Eng |
| 26.10.2004 -26.10.2005   | Dept. vice president | Middle East Technical University                         | Dept. of Electrical and Electronics Eng |
| 01.09.2004-31.08.2005    | Coordinator          | Middle East Technical Universityi<br>North cyprus Campus | Dept. of Electrical and Electronics Eng |
| 01.11.1991 - 01.101996:  | Assoc. Prof.         | Middle East Technical University                         | Dept. of Electrical and Electronics Eng |
| 02.05.1988 - 01.11.1991  | Assist Prof.         | Middle East Technical University                         | Dept. of Electrical and Electronics Eng |
| 01.03. 1987 - 02.05.1988 | Lecturer             | Middle East Technical University                         | Dept. of Electrical and Electronics Eng |
| 31.10.1980 - 01.03.1987  | Research Assistant   | Middle East Technical University                         | Dept. of Electrical and Electronics Eng |
| 01.11.1979 - 01.06.1980  | Student Assistant    | Middle East Technical University                         | Dept. of Electrical and Electronics Eng |

#### 4. AREAS OF INTEREST

|   |
|---|
| Computer Vision, Depth Perception, Image Processing, Pattern Recognition            |
| 3D reconstruction and 3D modeling   |
| Biometrics: Fingerprint and Face Recognition  |
| Artificial Neural Networks, Genetic Algorithms, Fuzzy Logic, Machine Learning       |
| Brain signals (EEG, ERP, sleep) and their analysis via Signal Processing Techniques |
| Distributed Databases, Workflows, Concurrency Control                               |
| Distance Education via Internet   |

#### 5. SPECIAL INTERESTS

|               |   |
|---------------|---|
| Photography   | <a href="http://formatd.net/ugur/halici.html">http://formatd.net/ugur/halici.html</a>           |
| Short Stories | <a href="http://vision1.eee.metu.edu.tr/~metafor/">http://vision1.eee.metu.edu.tr/~metafor/</a> |

#### 6. PROGRAMMING LANGUAGES

|             |
|-------------|
| C++,        |
| Unix Script |
| Pascal      |
| MatLAB      |

#### 7. COURSES INSTRUCTED

| Course Code | Course Name                                | University | Department            | Course Level  |
|-------------|--|------------|-----------------------|---------------|
| EE 543      | Neurocomputers                             | METU       | EEE                   | Graduate      |
| EE 441      | Data Structures with C++                   |            | EEE                   | Undergraduate |
| EE 442      | Operating Systems and UNIX                 |            | EEE                   | Undergraduate |
| ION526      | Neural Networks                            | METU       | Informatics Institute | Graduate      |
| ION528      | Image Processing Algorithms                | METU       | Informatics Institute | Graduate      |
| EE 544      | Algorithms and Computational Complexity    | METU       | EEE                   | Graduate      |
| EE 348      | Introduction to Logic design               | METU       | EEE                   | Undergraduate |
| CS 281      | Database                                   | BILKENT    | Industrial Eng.       | Undergraduate |
| EE 256      | Complex Calculus and Transform Techniques  | METU       | EEE                   | Undergraduate |
| EE 439      | Digital Computers and Symbolic programming | METU       | EEE                   | Undergraduate |
| EE 448 Lab  | Computer Architecture Lab.                 | METU       | EEE                   | Undergraduate |
| EE 447 Lab  | Logic Design Lab                           | METU       | EEE                   | Undergraduate |

## 8. THESES SUPERVISED

| Student's Surname, Name | Thesis Title  | Degree, Department       | Year of Degree |
|-------------------------|---|--------------------------|----------------|
| Büyükatalay Soner       | 3D Face Reconstruction from Video Sequences   | Ph.D. METU EEE           | On going       |
| Zafer Savaş             | Head Orientation Estimation In Video Sequences  | Ph.D. Student, METU EEE  | On going       |
| Umur Akıncı             | Tracking Facial Features in Video Sequences   | Ph.D. Student, METU EEE  | On going       |
| Tolga İnan              | Face Recognition in Video Sequences   | Ph.D. Student, METU EEE  | On going       |
| Dikmen, Mehmet          | Satellite Image Processing for Building extraction  | Ph.D. Student, METU GGIT | On going       |
| Bozkurt Nesli           | Virtual 3D Scanner  | M.Sc. Student, METU EEE  | On going       |
| Erim, Cenk              | Aerial Image Processing for extraction of man Made structures in Coastal Regions                          | M.Sc. Student, METU EEE  | On going       |
| Unal Ali Serkan         | Aerial Image Processing   | M.Sc. Student, METU EEE  | On going       |
| Zongur, Ugur            | Airport detection in Satellite Images   | M.Sc. Student, METU EEE  | On going       |
| Çetin, Melih            | Extraction of Buildings in Satellite Images (Supervisor: Aydın Alatan)                                    | M.Sc. Student, METU EEE  | On going       |
| Bayrak, Serhat          | Human Detection and Tracking Via Fusion of Data from Thermal and Visual Cameras (Supervisor İlkay Ulusoy) | M.Sc. Student, METU EEE  | On going       |
| Yalçın Abdurrahman      | Crowd Detection with Multiple camera on a Streaming Media (Supervisor İlkay Ulusoy)                       | M.Sc. Student, METU EEE  | On going       |
| Bilgin, Arda,           | Crowd Tracking with a Single camera on a Streaming Media (Supervisor İlkay Ulusoy)                        | M.Sc. Student, METU EEE  | On going       |
| Tunçer, Fahri           | 3D Face Representation and recognition Using Sphericl Harmonics   | Ph.D. Thesis, METU EEE   | 2008           |
| Alper Aygar             | Multiple Target Detection in Doppler Radar Signals  | M.Sc. Thesis METU EEE    | 2008           |
| Güdücü, Hasan Volkan    | Detection of Buildings in satellite Images Using Color and Shadow Information                             | M.Sc. Thesis, METU EEE   | 2008           |
| Bayar Hakan             | Texture mapping by Multi-Image Blending for 3D Face Models, (Cosupervisor:İlkay Ulusoy)                   | M.Sc. Thesis METU EEE    | 2007           |
| Üstün Bülent            | 3D Face Recognition   | M.Sc. Thesis METU EEE    | 2007           |
| Öztürk, Ahmet Oğuz      | 3D Face Reconstruction using Stereo Images and Structured Light Co-Supervisor: İlkay Ulusoy               | M.Sc. Thesis METU EEE    | 2007           |
| Mehmet Soner Guler      | 3D Animation for Hand Preshaping  | M.Sc. Thesis METU EEE    | 2006           |
| Turgay Senlet           | Vision Based Obstacle Detection and Avoidance Using Low Level Image Features                              | M.Sc. Thesis METU EEE    | 2006           |
| Dikmen, Mehmet          | 3D Face Reconstruction Using Stereo Vision  | M.Sc. Thesis METU EEE    | 2006           |
| Tokatlı, Aykut          | 3D Hand Tracking in Video Sequences   | M.Sc. Thesis METU EEE    | 2005           |
| Küçük, Can              | 3D Marker Tracking for Human Gait Analysis  | M.Sc. Thesis METU EEE    | 2005           |
| Savaş, Zafer            | Real Time Detection and Tracking of Human Eyes in Video Sequences   | M.Sc. Thesis METU EEE    | 2005           |
| Büyükatalay, Soner      | 3D Face Reconstruction using Multiple Uncalibrated Images   | M.Sc. Thesis METU EEE    | 2004           |
| Arıcan, Zafer           | Vision Based Robot Localization using artificial and Natural Landmarks                                    | M.Sc. Thesis METU EEE    | 2004           |
| Özuysal, Mustafa        | Manual and Auto Calibration of Stereo Camera Systems  | M.Sc. Thesis METU EEE    | 2004           |
| Önder, Murat            | Face Detection in Active Robot Vision   | M.Sc. Thesis             | 2004           |

|                   |   |   |      |
|-------------------|---|---|------|
|                   |   | METU EEE                                      |      |
| Gönder, Özkan     | A Comparison of Subspace Based Face Recognition Methods   | M.Sc. Thesis<br>METU EEE                      | 2004 |
| Gönülşen, Ayşegül | Feature Extraction of Honeybee Forewings and Hindlegs using Image Processing and Active Contours                              | M.Sc. Thesis<br>METU EEE                      | 2004 |
| Ulusoy, İlkay     | Active Stereo Vision: Depth Perception for Navigation, Environmental Map Formation and Object Recognition                     | Ph. D. Thesis<br>METU EEE                     | 2003 |
| Hakan Serçe       | Facial Feature Extraction using Deformable Templates  | M.Sc. Thesis<br>METU Informatics<br>Institute | 2003 |
| Akagündüz Erdem   | Face Animation for Turkish Speech   | M.Sc. Thesis<br>METU EEE                      | 2003 |
| Görür, Dilan      | Automated Detection of Sleep Spindles   | M.Sc. Thesis<br>METU EEE                      | 2003 |
| Erdogan, Alpay    | Doppler radar target Recognition by Neural Networks   | Ph. D. Thesis<br>METU EEE                     | 2002 |
| Mülayim, Adem Y.  | 3D Reconstruction of Rigid Objects from Multiple Calibrated Views (Supervisor: Volkan Atalay)                                 | Ph. D. Thesis<br>METU Computer<br>Eng         | 2002 |
| Tunçer, Fahri     | Image Synthesis for Depth Estimation Using Stereo and Focus Analysis  | M. Sc. Thesis<br>METU EEE                     | 2002 |
| Erol, Ali         | Automatic Fingerprint Recognition   | Ph. D. Thesis<br>METU EEE                     | 2001 |
| Ongun, Guclu      | Image Processing and Texture Segmentation for Medical Diagnosis   | Ph. D. Thesis<br>METU EEE                     | 2001 |
| Leloglu, Ugur     | 3D Reconstruction and Depth Perception  | Ph. D. Thesis,<br>METU EEE                    | 2001 |
| Anac, Ilker       | A Tool for Analysis of VEP for Inter hemispheric Transfer Time  | M. Sc. Thesis,<br>METU EEE                    | 2001 |
| Akıncı, Umur      | Automatic Target Recognition in SAR Images  | M. Sc Thesis<br>METU EEE                      | 2000 |
| Kekec, Serkan     | Java Based Tools for an Online Neural Networks Course   | Ms. Sc. Thesis,<br>METU EEE                   | 2000 |
| Kaya, Mesut       | An Adaptive Non-linear Model Predictive Controller for pH Control , (Supervisor: Canan Ozgen, Dept. of Chemical Eng.)         | M. Sc. Thesis,<br>METU EEE                    | 2000 |
| Gurses, Eren      | Fractal Image Compression Techniques  | M. Sc Thesis<br>METU EEE                      | 1999 |
| Ucarkaya, Kaya    | Image Segmentation using Morphological Operators  | M. Sc Thesis<br>METU EEE                      | 1999 |
| Arkan, Hakan      | A Java Based Image Processing Course for Distance Education in METU   | M. Sc Thesis<br>METU EEE                      | 1999 |
| Yeni, Hüseyin     | Speckle and Clutter Elimination in Synthetic Aperture Radar (SAR) Images  | M. Sc Thesis<br>METU EEE                      | 1998 |
| Alkaya, Erkut,    | Enhancement of Fingerprint Images   | Ms. Sc. Thesis,<br>METU EEE                   | 1998 |
| Budak Arpınar     | Formalization of Workflows and Correctness Issues in The Presence of Concurrency" (Supervisor: Asuman Dogac)                  | Ph. D. Thesis<br>METU Computer<br>Eng,        | 1997 |
| Özgür Karahan     | An Adaptive Non-linear Model Predictive Controller Using A Neural Network"<br>Supervisor: Canan Özgen, Dept. of Chemical Eng. | M. Sc. Thesis,<br>METU Chemical<br>Eng,       | 1997 |
| Arda Akman        | An Image Processing System"   | M. Sc. Thesis,<br>METU EEE                    | 1997 |
| Ozdemir Gurhan    | A Feature Based Stereo Correspondence System",<br>(Supervisor: Volkan Atalay, Dept. of Computer Eng.)                         | M. Sc. Thesis,<br>METU Computer<br>Eng.       | 1996 |
| Ongun Guclu       | Fingerprint Classification by Neural Networks   | M. Sc. Thesis,<br>METU EEE                    | 1995 |
| Ali Erol          | A Hierarchical Neural Network for Optical Character Recognition   | M. Sc. Thesis,<br>METU EEE                    | 1995 |
| Semih Cetinkaya,  | A Comparative Analysis of Neurochips,   | M. Sc. Thesis,                                | 1995 |

|                  |   |                         |      |
|------------------|---|-------------------------|------|
|                  |   | METU EEE                |      |
| Emre Karaöz,     | An Analysis of Learning in the Recurrent RNNs as Associative Memory                             | M. Sc. Thesis, METU EEE | 1995 |
| Murat Aslan      | Fault detection in Combinational Circuits by Neural Networks                                    | M. Sc. Thesis, METU EEE | 1994 |
| Turan Bircan     | A Text Reading System based on Artificial Neural Networks                                       | M. Sc. Thesis, METU EEE | 1993 |
| Mert Sungur,     | Comparison of the Performances of Neural Optimizers through a Design for Playing TicTacToe      | M. Sc. Thesis, METU EEE | 1992 |
| Omer Tunali,     | Design of a Boltzmann Machine for the Hypercube Embedding Problem                               | M. Sc. Thesis, METU EEE | 1991 |
| Didem Unlu,      | User Identification through Neural Networks   | M. Sc. Thesis, METU EEE | 1991 |
| Osman Basbugoglu | A Dataflow Graph Execution Model for Prolog (Supervisor: Isik Aybay , Dept. of Electrical Eng.) | M. Sc. Thesis, METU EEE | 1989 |

## 9. PROJECTS

| Position    | Supporting Institution | Project Code                         | Project Title   | Duration   |
|-------------|------------------------|--------------------------------------|---|------------|
| Director    | METU                   | BAP -2008                            | Face Reconstruction using Structured Light  | 2008-2010  |
| Researcher  | TUBITAK                | TUBITAK                              | Multipurpose Automatic Underwater Vehicle (ULISAR)  | 2006-2009  |
| Researcher  | TUBITAK                | TUBITAK-105E128                      | Fusion of different imaging modalities for 3D human head modeling which includes characteristic hard and soft tissue information as well as realistic photographic view | 2006-2008  |
| Researcher  | METU                   | BAP - 2005-03-01-01                  | Active Reconstruction for 3D Modeling   | 2005-2007  |
| Co-Director | METU                   | BAP - 2004 - 03 - 01 - 02, 2004,     | Camera Calibration for 3D Modelling of Interiors by Active Reconstruction   | 2004-2006  |
| Researcher  | METU                   | BAP - 2002 - 03 - 01 - 06, 2002-2004 | Six Leg Walking Robot   | 2002-2006  |
| Researcher  | METU                   | BAP - 2002 - 07 - 04 - 05            | Robot Navigation by Genetic Programming   | 2002-2004, |
| Director    | METU                   | BAP - 2002 - 03 - 01 - 05            | Active Vision and Navigation in 3D Virtual Environment  | 2002-2004  |
| Director    | METU                   | BAP - 2002 - 07 - 04 - 04            | Face Recognition and Modeling   | 2002-2004  |
| Director    | METU                   | AFP-2000.07.04.01 3                  | Vision and Navigation in 3D Virtual Environment   | 2000-2002  |
| Researcher  | METU                   | AFP-2000.07.04.01 3                  | Fault Detection using Fuzzy Petri nets  | 2000-2001  |
| Director    | METU                   | AFP-99.03.01.03                      | Automatic Analysis of Blood Cells in Microscopic Images   | 1999-2000  |
| Director    | METU                   | AFP-98-03-01-04                      | Automated Target recognition in SAR Images using Artificial Neural Networks   | 1998-1999  |
| Researcher  | METU                   | AFP-98-060401                        | Speeding-up Evolutionary Algorithms by Parabolic Approximation and its usage in Training Artificial Neural Networks   | 1998-1999  |
| Co-Director | METU                   | AFP-97-07-04-02                      | Development of Asynchronous Distance Education for METU on Internet   | 1997-1998  |
| Researcher  | DPT                    | AFP-03-04-DPT-98K12250               | Intelligent Control of Chemical Processes   | 1998-2000  |
| Coordinator | TUBITAK                | Integrated PhD Program               | METU Computer Vision and Neural Network Group   | 1997-2002  |
| Researcher  | TUBITAK                | TUBITAK-198-E008                     | Image Filtering and Segmentation Using Some Multi scale Approaches  | 1998-2000  |
| Director    | DPT                    | AFP-03-01-DPT97K122070               | Still and Video Image Compression   | 1997-1998  |

|            |         |  |  |           |
|------------|---------|--|--|-----------|
| Director   | TUBITAK | TUBITAK EEEAG-126                                    | Modeling Cognitive Processes by Neural Networks                      | 1994-1996 |
| Director   | DPT     | AFP-03-01DPT.95K120501                               | Determination of Defective Regions in Textures using Neural Networks | 1995-1997 |
| Researcher | TUBITAK | TUBITAK EEEAG-55                                     | HALDOC: Document Processing and Archiving                            | 1993-1995 |
| Researcher | TUBITAK | TUBITAK EEEAG-Software 5 METU-AFP-03-12DPT.95K120500 | MIND, METU Interoperable Database System                             | 1993-1995 |

TUBITAK: The Scientific and Research Council of Turkey

## 10. SCHOLARSHIPS

|           |         |                       |
|-----------|---------|-----------------------|
| 1983-1987 | TUBITAK | Ph.D Honour Scholar   |
| 1980-1983 | TUBITAK | M.Sc Honour Scholar   |
| 1975-1980 | TUBITAK | Undergraduate Scholar |
| 1974-1975 | TUBITAK | High School Scholar   |

## 11. AWARDS

|      |                           |   |
|------|---------------------------|---|
| 2007 | METU                      | High academic performance in 2006   |
| 2004 | TUBITAK                   | EU Project Encouragement Award for the HUMANIM project proposal 2004  |
| 2003 | METU                      | High academic performance in 2002   |
| 2002 | METU                      | High academic performance in 2001   |
| 2000 | ISCIS                     | Contributions to the ISCIS conference in the years 1986-2000  |
| 2000 | METU                      | high academic performance in 1999   |
| 1999 | IEEE                      | Certificate of Appreciation by IEEE Computer Society for her contributions to the European Activities Committee |
| 1996 | Mustafa Parlar Foundation | Award for the thesis of Güçlü Ongun, that she supervised  |
| 1992 | Mustafa Parlar Foundation | Award for the thesis of Mert Sungur, that she supervised  |
| 1991 | METU EEE                  | Erol Gelenbe 1991 Thesis Award for the thesis of Ömer Tunali, that she supervised                               |
| 1991 | METU EEE                  | Best Thesis Award for the thesis of Didem Ünlü, that she supervised   |
| 1989 | METU EEE                  | Erol Gelenbe 1989 Thesis Award for the thesis of Osman Basbugoglu, that she co-supervised                       |

## 12. JOURNAL ACTIVITIES

|                           |  |                          |
|---------------------------|--|--------------------------|
| Member of Editorial Board | Interactive Technology and Smart Education                               | Troubador Publishing, UK |
| Member of Editorial Board | Neural, Parallel and Scientific Computations                             | Dynamic Publishers USA   |
| Member of Editorial Board | International Journal of Knowledge-Based Intelligent Engineering Systems | Australia                |
| Referee                   | IEEE Transactions on Information Forensics and Security                  | IEEE                     |
| Referee                   | IEEE Trans. on Neural Networks   | IEEE                     |
| Referee                   | IEEE Trans. on Pattern Analysis and Machine Intelligence                 | IEEE                     |
| Referee                   | IEEE Trans. on Image Processing  | IEEE                     |
| Referee                   | IEEE Transactions on Fuzzy Systems                                       | IEEE                     |
| Referee                   | IEEE Computer Magazine   | IEEE                     |
| Referee                   | IEEE Trans. on Software Eng.,  | IEEE                     |
| Referee                   | IEEE Parallel and Distributed Technology                                 | IEEE                     |
| Referee                   | Journal of Artificial Neural Networks                                    | USA                      |

|         |  |                 |
|---------|--|-----------------|
| Referee | Journal of VLSI Signal Proc. Sys. for Signal, Image and Video Tech | USA             |
| Referee | Journal of Information Sciences,                                   | USA             |
| Referee | The Computer Journal   | Oxford Press UK |
| Referee | The Journal of the Brazilian Computer Society                      | JBCS, Brazilia  |
| Referee | Pattern Analysis and Applications Journal                          | UK              |

### 13. SCIENTIFIC FOUNDATIONS AND SOCIETIES

|                            |   |            |
|----------------------------|---|------------|
| Founding and Elected Chair | IEEE Computer Society Turkey Chapter              | 1991-1994  |
| Founding member            | The Informatics Foundation of Turkey              | Since 1995 |
| Founding member            | Intelligence Foundation of Turkey                 | Since 1995 |
| Member of Board            | European Activities Committee, IEEE Computer Soc. | 1993-1997  |
| Member                     | TBD, Türkiye Computing Association                | Since 1983 |
| Member                     | INNS, International Neural Network Society        | 1992-1998  |
| Member                     | IEEE Institute of Electrical and Electronics Eng  | 1987-1995  |
| Member                     | ACM Assoc. for Computing Machinery                | 1987-1989  |
| Member                     | EMO Electrical Engineers Chamber of Turkey        | Since 1980 |

### 14. CONFERENCE ORGANISATION

|                              |                    |   |                            |                     |
|------------------------------|--------------------|---|----------------------------|---------------------|
| Program Committee Member     | NEUREL 08          | 9th Symposium on Neural Network Applications in electrical Engineering  | Belgrade, Yugoslavia       | 2008<br>Sept.25-27  |
| Program Committee Member     | BIYOMUT 08         | The 13th National Conference on Biomedical Engineering and Applications   | Ankara, Turkey             | 2008<br>May 29-31   |
| Conference Co-Chair          | ISCIS 07           | The 22nd International Symposium on Computer and Information Sciences   | Ankara, Turkey             | 2007<br>Nov.7-9     |
| Program Committee Member     | NEUREL 2006        | 8th Symposium on Neural Network Applications in electrical Engineering  | Belgrade, Yugoslavia       | 2006<br>Sept        |
| Local Organizing Com. Member | WCP'06             | 13th World Congress of Psychophysiology International Organization of Psychophysiology  | Izmir, Turkey              | 2006<br>August      |
| Technical Track co-chair     | ICANN 2003         | 13 <sup>th</sup> International Symposium on Artificial Neural Networks and 10 <sup>th</sup> International Conference on Neural Information Processing | Istanbul, Turkey           | 2003<br>June 26-29  |
| Program Committee Member     | IJCNN 2002         | Program Committee Member, IEEE INNS International Joint Conference on Neural Networks,  | Honolulu, Hawaii,          | 2002<br>May 12-17   |
| Program Committee Member     | ENAI 2001          | Symposium on Engineering of Natural and Artificial Intelligent Systems  | American U., Dubai, U.A.E. | 2002<br>March 17-21 |
| Conference Chair             | BRAIN MACHINE 2000 | METU Brain-Machine Workshop   | Ankara, Turkey             | 2000<br>Dec.20-22   |
| Sesion Organizer             | KES 2000           | Session on Computer Vision, 4th International Conference on Knowledge-based Intelligent Electronic Systems  | Brighton UK,               | 2000<br>August      |
| Sesion Organizer             | WCNA 2000          | Session on Computer Vision, 3rd World Congress of International Federation of Nonlinear Analysts,   | Sicilia, Italy,            | 2000<br>July        |
| Program Committee Member     | ISCIS 2000         | The 15th International Symposium on Computer and Information Sciences   | Istanbul, TURKEY           | 2000<br>Oct., 11-13 |

|                              |             |  |                                 |                        |
|------------------------------|-------------|--|---------------------------------|------------------------|
| Program Committee Member     | NEUREL 2000 | , 5 <sup>h</sup> Symposium on Neural Network Applications in electrical Engineering, ,                   | Belgrade, Yugoslavia,           | 2000<br>Sept 22-24     |
| Program Com.Member           | KES 2000    | Knowledge-Based Intelligent Engineering Systems & Allied Technologies, ,                                 | University of Brighton, UK      | 2000<br>Aug. 30-Sept.1 |
| Program Committee Member     | TAINN 2000  | The Ninth Turkish Symposium on Artificial Intelligence and Neural Networks, TAINN'2000                   | Izmir ,Turkey                   | 2000<br>June 21-23     |
| Program Committee Member     | ICCIN 2000  | 4th International Conference on Computational Intelligence and Neuroscience,                             | Atlantic City, , NJ,            | 2000<br>Feb 27-March 3 |
| Sesion Organizer             | SOCO 99     | Session on Computer Vision, Conference on Soft Computing,  | Genova, Italy                   | 1999<br>June           |
| Program Committee Member     | M2VIP'99    | The Sixth International Conference on Mechatronics and Machine Vision in Practice,                       | Ankara, Turkey                  | 1999<br>Sept.          |
| Program Committee Member     | ISCC 99     | Fourth IEEE Symposium on Computers and Communications,   | Egypt ,                         | 1999<br>July 6-8       |
| Conference Co-Chair          | KES 98      | IEEE 2nd International Conference on Knowledge-based Intelligent Electronic Systems                      | Adelaide, Australia             | 1998<br>April21-23     |
| Program Committee Member     | ICCIN 98    | 3rd International Conference on Computational Intelligence and Neuroscience,                             | Research Triangle Park, NC, USA | 1998<br>Oct. 24-28     |
| Program Committee Member     | IADT 98     | International Workshop on Issues and Applications of Database Technology,                                | Berlin, Germany                 | 1998<br>July 6-9       |
| Sesion Organizer             | ICCIN 97    | Session on Computer Vision, 2nd International Conference on Computational Intelligence and Neuroscience, | North Carolina, USA             | 1997<br>March 2-5      |
| Program Committee Member     | ICCIN 97    | 2nd International Conference on Computational Intelligence and Neuroscience,                             | Research Triangle Park, NC, USA | 1997<br>March 2-5      |
| Publicity Com.Chair          | ISCIS 96    | 11th Int. Symp. on Computer and Information Sciences   | Antalya, Turkey                 | 1996<br>November       |
| Publicity Committee Chair    | AI-MATH 96  | 4 <sup>th</sup> Int. Symp. on Artificial Intelligence and Math.,   | Florida, USA,                   | 1996<br>Jan.           |
| Sesion Organizer             | WCNA 96     | Session on Neural Networks) 2nd World Congress of International Federation of Nonlinear Analysts,        | Athens, Greece                  | 1996<br>July           |
| Conference Co-Chair          | FL-NN 95    | Workshop on Fuzzy Logic and Neural Networks, ,   | Ankara, Turkey                  | 1995<br>October        |
| Conference Chair             | ANN-AL 94   | Symp. on Artificial Neural Networks and Artificial Life: `Hints from Life to Artificial Intelligence` ,  | Ankara, Turkey                  | 1994<br>Dec. 15-18     |
| Publicity Committee Chair    | AI-MATH 94  | 3 <sup>rd</sup> International Symposium on Artificial Intelligence and Mathematics,                      | Florida, USA,                   | 1994<br>January        |
| Publicity Committee Co-Chair | TAINN 94    | 3rd Turkish Symp on Artificial Intelligence and Artificial Neural Networks,                              | Ankara, Turkey                  | 1994<br>May            |
| Program Com.Member           | MELECON 94  | IEEE Melecon 94,   | Antalya, Turkey                 | 1994<br>May            |
| Publicity Com.Chair          | ISCIS 93    | 8th International Symp. on Computer and Information Sciences,  | Istanbul, Turkey,               | 1993<br>Nov.           |
| Publicity Com.Chair          | ISCIS 92    | 7th International Symp. on Computer and Information Sciences,  | Antalya, Turkey,                | 1992<br>Nov.           |
| Program Com.Member           | TAINN 92    | 1st Turkish Symp on Artificial Intelligence and Artificial Neural Networks                               | Ankara, Turkey                  | 1992<br>May            |