

## LIST OF VOTING TASSA BOARD MEMBERS (2008)

### The following members of the Board comprise the Executive Committee

---

#### **Banu Onaral, Ph.D.**

##### **President**

*Current Position:* Founding Director of School of Biomedical Engineering, Science and Health Systems at Drexel University since 1997  
H. H. Sun Professor of Biomedical Engineering and Electrical Engineering at Drexel University since 1991

*Previous Experience:* Founding Director, School of Biomedical Engineering, Health and Science Systems, Drexel University since March 1997  
Founder of the Translational Research in Biomedical Technologies program at Drexel University  
Founding Fellow, and Member of the inaugural Board of the American Institute for Medical and Biological Engineering (AIMBE)  
Previously served as President of the IEEE Engineering in Medicine and Biology Society (EMBS)  
Previously served as Vice President for Conferences of IEEE Engineering in Medicine and Biology Society (EMBS)  
Member of the Board of Trustees, Sabanci University, Istanbul, Turkey  
Member of the review panel on NIH Director's Pioneer Award

*Research Interests:* Systems engineering and digital signal processing with special emphasis on complex systems and biomedical signal processing in ultrasound and optics

*Education:* Ph.D., Biomedical Engineering, University of Pennsylvania  
MSEE, Electrical Engineering, Bogazici University  
BSEE, Electrical Engineering, Bogazici University

#### **Suleyman Gokoglu, Ph.D.**

##### **Past-President**

*Current Position:* Senior Scientist at NASA Glenn Research Center (GRC)

*Previous Experience:* Various responsibilities as research scientist and team leader at NASA GRC since 1982  
Adjunct Faculty, Ohio Aerospace Institute  
Vice-President for the Mid-Central Region of the Assembly of Turkish American Associations (ATAA)  
Founding President, the Bogazici University and Robert College International Alumni Association (BURCIN) in the US  
President, the Turkish American Society of Northeastern Ohio (TASNO)

*Research Interests:* Heat and mass transport phenomena in chemically reacting flow systems, advanced materials synthesis and coatings, combustion, and turbo-machinery

*Education:* Ph.D., Chemical Engineering, Yale University  
M.S., Chemical Engineering, Yale University  
B.S., Chemical Engineering and Math, Bogazici University

**Aysenil Belger, Ph.D.**  
**President-Elect**

*Current Position:* *Associate Professor, Departments of Psychiatry and Psychology, University of North Carolina Chapel Hill*  
*Associate Professor, Brain Imaging and Analysis Center, Department of Radiology, Duke University*

*Previous Experience:* Research Associate, Dept of Molecular Biology & Biophysiology and Department of Neurology, Yale University, West Haven, CT.  
Research Psychologist, VA Medical Center, West Haven, CT  
Instructor, Department of Psychiatry, Yale University, West Haven, CT  
Assistant Professor, Department of Psychiatry, Yale University, West Haven, CT  
Lecturer, Department of Psychology, Yale University, West Haven, CT  
Director, Cognitive Neuroscience Laboratory, VA Medical Center, West Haven, CT  
Assistant Professor, Department of Psychiatry, University of North Carolina, Chapel Hill, NC  
Adjunct Assistant Professor, Dept. Of Psychology, University of North Carolina, Chapel Hill, NC  
Adjunct Assistant Professor, Dept. of Radiology, Duke University, Durham, NC  
Director, Neuroimaging Research in Psychiatry, University of North Carolina, Chapel Hill, NC  
Associate Professor, Department of Psychiatry, University of North Carolina, Chapel Hill, NC  
Associate Professor, Dept. of Psychology, University of North Carolina, Chapel Hill, NC  
Associate Professor, Dept. of Radiology, Duke University, Durham, NC

*Research Interests:* Cognitive Neuroscience, mapping brain dysfunction in schizophrenia and autism, electrophysiological recording of higher order cognitive processing.

*Education:* Ph.D., Biopsychology, University of Illinois, Champaign-Urbana, IL USA  
M.S. University of Illinois, Biopsychology, Champaign-Urbana, IL USA  
B.A., Psychology, Ege University, Turkey

**Refik Soyer, D.Sc.**  
**Treasurer**

*Current Positions:* Professor of Decision Sciences and of Statistics, The George Washington University  
Director of The Institute for Integrating Statistics in Decision Sciences at The George Washington University

Research associate at The Institute for Reliability and Risk Analysis at The George Washington University

*Previous Experience:* Professor of Management Science, The George Washington University  
Vice-President, The International Association for Statistical Computing  
Treasurer, Bogazici University and Robert College International Alumni Association (BURCIN)  
Founding Member, Bogazici University and Robert College International Alumni Association (BURCIN)

*Research Interests:* Bayesian Statistics and Decision Analysis, Reliability Analysis, Stochastic Modeling, Time Series Analysis

*Education:* D. Sc., Operations Research, The George Washington  
M. Sc., Operational Research, Sussex University  
B. A., Economics, Bogazici University

**Aylin Sagay, M.S.**  
**Executive Director**

*Current Positions:* Business Manager, School of Biomedical Engineering, Science and Health Systems, Drexel University

Board Member, Turkish Student Association, Drexel University

*Previous Experience:* Research Project Manager, School of Biomedical Engineering, Science and Health Systems, Drexel University

Conference Committee Member/Volunteers, TASSA'06 at Drexel University

Board Member, Friends of American Board Schools in Turkey (FABSIT)

Assistant to the Director, Infrastructure Institute, Drexel University

Freelance Graphic Designer

Partner & Production Manager, Egesas Advertising Agency

*Research Interests:* Academic Self-Efficacy, Mentoring, Learning Psychology

*Education:* Ph.D. Student, Leadership in Education  
M.S. Publications Management, Drexel University  
B.S. Public Relations, Gazi University

**The following members of the Board comprise  
the Representatives of the Technical Groups: (in alphabetical order)**

---

**Engineering & Applied Sciences:**

**Numan Dogan, Ph. D.**

*Current Positions:* Professor of Electrical & Computer Engineering, North Carolina A&T State University, Greensboro  
Vice Chair, IEEE North Carolina Council

*Previous Experience:* Board Member, ATA-NC, Raleigh, NC.  
Founding Member, Bridge to Turkiye Foundation, Raleigh, NC  
Chair & Associate Professor, Tuskegee University, Tuskegee, AL  
Assistant Professor, Washington State University, Pullman, WA  
Visiting Scientist, GE Corporate Research&Development, NY  
Visiting Scientist, AFRL, Aglin AF Base, FL  
Electronics Engineer, TEK (Turkiye Elektrik Kurumu), Trabzon

*Research Interests:* RF CMOS Circuit Design for Wireless Applications, Millimeter-Wave CMOS Circuits, Energy-starved Electronics

*Education:* Ph.D., Electrical Engineering, University of Michigan, Ann Arbor, MI  
M.S., Electrical Engineering, Polytechnic University, N.Y., NY  
B.S., Electrical Engineering, Karadeniz Technical University, Trabzon

**Murat Eron, Ph.D.**

*Current Position:* Director of Amplifier Products, Miteq Inc.

*Previous Experience:* Powerwave, Ericsson, MPD, M/A-COM, Compact Software, RCA

*Research Interests:* High Frequency Electronics, Microwaves and RF, Wireless Communications, Solid State Electronics, Semiconductor Devices, High Power Amplifiers, Solar Cells

*Education:* BS Electrical Engineering, Bogazici University  
BS Physics Bogazici University  
MS Electrical Engineering Drexel University  
Ph.D. Electrical Engineering, E Drexel University

**Metin Sitti, Ph.D.**

*Current Position:* Associate Professor at Carnegie Mellon University

*Previous Experience:* 2002-2007 Assistant Professor, Carnegie Mellon University, Pittsburgh, PA  
2002 Lecturer, Department of Electrical Engineering and Computer Sciences, University of California, Berkeley, CA

1999-2002 Research Scientist, Department of Electrical Engineering and Computer Sciences, University of California, Berkeley

1996-1999 Research Assistant, Institute of Industrial Science, University of Tokyo, Japan

1994-1996 Research Engineer, Turkish Scientific Research and Technology Council (TUBITAK), Marmara Research Center, CAD/CAM Robotics Department, Kocaeli, Turkey

1992-1994 Teaching Assistant, Physics Department, Bogazici University, Istanbul, Turkey

*Research Interests:* Miniature mobile robots, biologically inspired and hybrid (biotic/abiotic) micro/nano-systems, nanotechnology, and micro/nanoscale manipulation and manufacturing systems

*Education:* B.S. Electrical and Electronics Engineering and Physics, Bogazici University 1992  
M.S. Electrical and Electronics Engineering Bogazici University 1994  
Ph.D. Electrical Engineering University of Tokyo 1999

## **Health and Biomedical Sciences:**

### **Murat Cokol, Ph.D.**

*Current Positions:* Postdoctoral Research Fellow, Harvard Medical School, Department of Biological Chemistry and Molecular Pharmacology

*Previous Experience:* Postdoctoral Research Fellow, Columbia University, Department of Biomedical Informatics

Instructor, Bogazici University (2007 summer term)

Research Assistant, Columbia University, Department of Biological Sciences

*Research Interest:* Evolution of Interactome Networks, Scientific Quality Indicators

*Education:* Ph.D., Biological Sciences, Columbia University  
M.A., Biological Sciences, Columbia University  
B.S., Molecular Biology and Genetics, Bilkent University

### **Semahat Demir, Ph.D.**

*Current Position:* Program Director, Biomedical Engineering Program, NSF  
Professor of Biomedical Engineering, University of Memphis & University of Tennessee  
Director of External Affairs, Society of Women Engineers (SWE)

*Previous Experience:* Adjunct Professor of Physiology and Biophysics and Neuroscience Center University of Tennessee, Memphis, TN, USA

Visiting professor at Istanbul Technical University, Bogazici University (former Robert College) and Isik University in Turkey.

Expert Scientist and Consultant for the Bioinformatics Research Initiative funded by the World Bank Credits, The Scientific and Technical Research Council of Turkey (TUBITAK), Gebze and Ankara, Turkey

Technical Manager and Medical Laser Engineer for two German companies, Messerschmidt Bolkow Blohm and Rodenstock, in Turkey.

Research and development engineer, X-Ray Division of the Medical Engineering Center

of Siemens Company in Erlangen, Germany.

Internships at the Automation Center of Siemens in Karlsruhe in Germany and also at Etmas and Simko of Siemens AG in Istanbul Turkey.

Postdoctoral Fellow, Department of Biomedical Engineering, School of Medicine, Johns Hopkins University, Baltimore, MD, USA

Research Associate, Research Assistant and Teaching Assistant, Department of Electrical and Computer Engineering, Rice University, Houston, TX, USA

Researcher, Cardiovascular Research Group, Department of Physiology & Biophysics, School of Medicine, University of Calgary, Calgary, Alberta, Canada

Founding President and President, the Turkish American Student Association at Rice University, 1990-1995

Other relevant board positions: Society of Women Engineers (SWE), Institute of the Electrical and Electronics Engineers (IEEE) Engineering in Medicine and Biology Society (EMBS); Biomedical Engineering Division, American Society for Engineering Education (ASEE) and American Turkish Association of Washington DC (ATA-DC).

*Research Interest:* Computational bioengineering; mathematical modeling; computer simulations of bioelectricity; systems biology/physiology cardiac electrophysiology; neuroscience; physiology and biophysics; development of simulation-based teaching and learning resources.

*Education:* Postdoc Certificate, Biomedical Engineering Department, Johns Hopkins University  
Ph.D., Electrical and Computer Engineering from Rice University  
M.S., Electrical and Computer Engineering from Rice University  
M.S., Biomedical Engineering from Bogazici University  
B.S., Electronics Engineering from Istanbul Technical University,

## **Murat Oz**

*Current Position:* Staff Scientist, National Institute on Drug Abuse (NIDA) within the National Institutes of Health (NIH)  
President of the NIHTurk Organization

*Previous Experience:* Research Associate, Ottawa Health Research Institute, Canada,  
Postdoctoral Fellow, NIAAA  
Scientific Review Administrator, NIH.

*Research Interest:* Neuropharmacology and Electrophysiology. He has been a member of TASSA since its establishment, and currently the president of the NIHTurk organization.

*Education:* Ph.D. in Pharmacology, University of Alberta, Canada  
M.D., Ankara University School of Medicine

**Natural Sciences:**  
**Selcuk Cihangir, Ph.D.**

*Current Position:* Application Physicist-II, Fermi National Accelerator Laboratory (Fermilab), Batavia, Illinois.  
Adjunct Faculty, Elmhurst College, Elmhurst, Illinois.

*Previous Experience:* Experimental Particle Physics at Fermilab, on behalfs of University of Rochester, University of Illinois, Texas A&M University and Fermilab.  
Teaching Physics at Elmhurst College, Elmhurst, Illinois and at Texas A&M University, College Station, TX.  
Research Associate at University of Illinois and Texas A&M University.

*Research Interests:* Experimental Particle Physics

*Education:* Ph.D. in Physics - University of Rochester, Rochester, NY.  
M.A. in Physics - University of Rochester, Rochester, NY.  
B.S. in Physics - Middle East Technical University, Ankara, Turkey.

**Kenan Gundogdu, Ph. D.**

*Current Position:* Postdoctoral Associate at MIT Chemistry Department

*Previous Experience:* Research Assistant at University of Iowa, physics department  
Postdoctoral researcher at University of Iowa, chemistry department  
President of the Turkish Student Association of University of Iowa

*Research Interests:* Ultrafast laser spectroscopy, development of multi-dimensional spectroscopic techniques using optical pulses  
Femtosecond pulse-shaping  
Electron spin dynamics in semiconductors  
Vibrational dynamics of proton transfer complexes

*Education:* Ph.D., University of Iowa, physics 2004  
B.S., Bogazici University, physics 1999

**Social Sciences and Arts & Humanities:**

**Ugur Aker, Ph.D.**

*Current Position:* Professor of Economics, Hiram College

*Previous Experience:* Asst Prof of Economics, Clarion University of Pennsylvania  
Asst Prof of Economics, Western Michigan University  
Assoc Editor, Milliyet newspaper

*Research Interests:* International Trade, International Finance, Interdisciplinary Approaches to Economics

*Education:* B.A. Robert College '65  
M.A. Wayne State University '73

Ph.D. Wayne State University '78

**Sezer Ulku, Ph.D.**

*Current Positions:* Assistant Professor, and Director of the International Executive MBA Global Residency, Georgetown University, McDonough School of Business

*Previous Experience:* Senior Consultant, 4R Systems  
Business Analyst, SAP AG  
Teaching assistant for High Tech Entrepreneurship and Strategy and Process and Operations Management, INSEAD  
Teaching assistant for graduate and undergraduate level courses in telecommunications, Bilkent University

*Research Interests:* Outsourcing, Product Development, Distributed Innovation, Product Architecture, Supply Chain Management, and Private Equity  
B.S., Electrical and Electronics Engineering, Bilkent University

*Education:* Ph.D., Management, INSEAD  
M.S., Management, INSEAD  
M.S., Electrical and Electronics Engineering, Bilkent University

**Student Representative**

**Hasan Ayaz, M.Sc.**

*Current Position:* PhD Student, and Research Assistant, School of Biomedical Engineering, Science & Health Systems, Drexel University, Philadelphia, PA

*Previous Experience:* Founding President, Drexel University Turkish Student Association (Drexel TSA)  
Software Engineer, InfraScan Inc., Philadelphia PA  
Research Assistant, Intelligent System Lab, Bogazici University

*Research Interests:* Functional near infrared (fNIR) spectroscopy, neuroimaging, digital signal processing, computer graphics, visualization, user interface design, medical device and software development

*Education:* M.S., Biomedical Engineering, Drexel University  
B.S., Electrical and Electronics Engineering, Bogazici University



**The following members of the Board comprise  
the Chairpersons of the Standing Committees: (in alphabetical order)**

---

**Alkan Donmez, Ph.D.**

**Bylaws and Elections**

*Current Positions:* Group Leader, Machine Tool Metrology Group, Manufacturing Engineering Laboratory, NIST  
Program Manager, Manufacturing Engineering Laboratory, NIST  
Secretary, ISO/TC39/SC2

*Previous Experience:* Lecturer, Mechanical Engineering Department, Johns Hopkins University  
Lecturer, Mechanical Engineering Department, The Catholic University of America  
Board of Directors of American Society for Precision Engineering, Society of Manufacturing Engineers Washington DC Chapter, and American Turkish Association of Washington DC

*Research Interests:* Advanced manufacturing sciences, machine tool metrology, precision engineering, manufacturing automation, vibration metrology

*Education:* Ph.D., Manufacturing Engineering, Purdue University  
M.S., Manufacturing Engineering, Purdue University  
B.S., Mechanical Engineering, Middle East Technical University

**Pembe Hande Ozdinler, Ph.D.**

**Membership Committee**

*Current Position:* Instructor, Harvard Medical School, Neurosurgery Department, Mass. General Hospital

*Previous Experience:* Post-doctoral Fellow, MGH-HMS Center for Nervous System Repair, Harvard Medical School

*Research Interest:* Cellular and molecular mechanisms of disease progression in neurodegenerative diseases

*Education:* Ph.D., LSU Health Sciences Center  
M.S., Bogazici University  
B.S., Bogazici University

**The following are elected Auditors: (in alphabetical order)**

---

**Ahmet Celik, MS, MA**

*Current Positions:* PhD Candidate at Rutgers University-Newark, School of Criminal Justice

New York Regional  
Coordinator Turkish Institute for Police Studies

*Previous Experience:* Peacekeeper in United Nations Mission in Bosnia Herzegovina (UNMIBH)  
Office of General Director of Turkish National Police  
Information Technologies Department of Turkish National Police

*Research Interests:* Post-Conflict Law Enforcement, Political Violence, Religiously Motivated Terrorism,  
Environmental Criminology, E-Government

*Education:* MA, John Jay College of Criminal Justice, City University of New York  
MS, Institute of Science and Technology, Gazi University

#### **A. Cemal Ekin, Ph.D.**

*Current Position:* Associate Professor of Marketing, Providence College

*Previous Experience:* Assistant Professor, Adana Academy of Economic and Commercial Sciences  
Owner, Parasol Computer Systems, Providence, RI  
Partner, Genlex Computer Systems, Warwick, RI  
President, Turkish American Cultural Society of RI

*Research Interests:* Net mediated transactions in marketing

*Education:* Ph.D., Marketing, Adana Academy of Economic and Commercial Sciences  
MBA, Michigan State University  
B.S., Accounting/Finance, Istanbul Academy of Economic and Commercial Sciences

#### **Hurriyet Aydin Ok, D.Sc.**

*Current Position:* Senior Information Officer, Enterprise Computing Unit, World Bank  
Producer, Turkish-American TV, Fairfax, VA

*Previous Experience:* TASSA By-Laws Committee Member  
Associate Professorial Lecturer, Computer Science Department, George Washington University (1994-1998)  
Founding President, Turkish Student Associations at GWU (TSA-GWU)  
Software Engineer, Alcatel-Rovsing, Copenhagen, Denmark  
Research Assistant, Computer Science Department, Hacettepe University

*Research Interests:* Enterprise Architecture, Security and Privacy, E-Government, Computer Networks, and  
Mobile Computing

*Education:* D.Sc., Computer Science, George Washington University  
M.S., and B.S., Computer Science, Hacettepe University