

TASSA ANNUAL CONFERENCE

24-25 MARCH, 2007

YALE UNIVERSITY, NEW HAVEN, CT



TURKISH AMERICAN
SCIENTISTS AND
SCHOLARS ASSOCIATION

Conference Theme:
Essentials for a Better World: Energy, Environment, Food and Health

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FROM THE PRESIDENT AND CONFERENCE CHAIR

Dear TASSA Members and Conference Participants,

We would like to welcome you to the 2007 TASSA Annual Conference hosted by Yale University in New Haven, CT. We are certain that the conference program fulfills the expectations of our distinguished community and serves its theme "Essentials for a Better World: Energy, Environment, Food and Health." It showcases the accomplishments of many eminent American, Turkish, and Turkish-American scientists and scholars and establishes a forum for our young and experienced researchers to explore and develop new collaborative initiatives. The list of honorary guests and dignitaries is a meaningful tribute to the commitments of both the U.S. and Turkey for promoting scientific cooperation between the two countries.

We are most fortunate to have Prof. Cemal Kafadar and Prof. Daron Acemoglu address our audience as plenary speakers this year. Prof. Kafadar, Vehbi Koc Professor of Turkish Studies at Harvard University, History Department, is a world-renown scholar on Ottoman history. Prof. Acemoglu, Charles P. Kindleberger Professor of Applied Economics at Massachusetts Institute of Technology, is an internationally recognized expert in Economic Development and Political Economy.

Prominent scientists and scholars will participate in two panels, "Emerging Fronts in Energy, Environment, Food and Health" and "European Union and Turkey". Colleagues will discuss their views and present the state-of-the-art works on these most popular and important themes that stand to influence the prospects of future generations worldwide. This year, dedicated periods have been allocated for poster sessions. We also arranged our program so that the participants can have more time to interact and network with one another. We have planned for three interactive sessions where we intend to collectively search for solutions to enable and promote academic interactions between US and Turkey. In Panel II, "U.S. - Turkey Academic Networks - Individual Experiences", we will benefit from the experiences of our colleagues who have accomplished to establish such networks. Panel III, "U.S. - Turkey Academic Networks - Institutional Perspectives" will debate the role of decision makers and institutional policies for building successful bridges. The final panel of the program, "Turkey - US Innovation Partnership" will present and discuss Turkey's National Innovation Initiative as it impacts science and technology in Turkey within a global context. As always, we urge you to participate in "TASSA General Assembly and Interactive Session" and share your opinions to pave TASSA's future path.

A very special Reception Gala is organized for your enjoyment showcasing Yale University's spectacular and world-famous Peabody Natural History Museum.

We are grateful to many organizations, institutions and individuals who shared TASSA's vision and chose to sponsor our activities. Without their generous support, this event would not have been possible. We express our gratitude also to the Council on Middle East Studies at the MacMillan Center for hosting our event at Yale University. Finally, our heartfelt thanks to Yale students, TASSA Board members, Conference Organizing Committee members and many other volunteers for spending countless hours to make this conference a reality.

Thank you for coming to Yale University to share our excitement and pride.

Serap Aksoy
Conference Chair

Süleyman Gökoğlu
TASSA President

CONFERENCE PROGRAM

Friday, March 23, 2007

20:00 - 22:00 **Welcome Reception (New Haven Lawn Club)**

Saturday, March 24, 2007

7:30 - 18:30 **Registration (Yale Law School)**

7:30 - 8:30 **Breakfast (Yale Law School, Dining Hall)**

8:30 - 9:00 **Welcome and Introduction**

Süleyman Gökoğlu	President, TASSA
Serap Aksoy	Conference Chair, Yale University
Andrew Hamilton	Provost, Yale University

9:00 - 9:30 **Honorary Speakers: Role of Turkey in the New Geopolitical Order**

H.E. Nabi Şensoy	Turkish Ambassador to US
H.E. Ross Wilson	US Ambassador to Turkey

9:30 - 10:20 **Plenary Speaker**

Introduced by:	Cemal Kafadar	Harvard University
	Cemal Ekin	Providence College

10:20 - 10:30 **Presentation of Plaques to Diamond and Gold Sponsors**

10:30 - 11:00 **Coffee Break & Poster Viewing**

11:00 - 12:30 **Panel I: Emerging Fronts in Energy, Environment, Food and Health**

Moderator:	Selçuk Özgediz	World Bank
Panelists:	John Rennie	Scientific American Magazine
	Mehmet Toner	Harvard Medical School
	Olçay Ünver	Kent State University

12:30 - 13:30 **Lunch (Yale Law School, Dining Hall)**

13:30 - 15:00 **Panel II: US - Turkey Academic Networks - Individual Experiences**

Moderator:	Yaman Yener	Northeastern University
Panelists:	Hüseyin Güler	Scientific and Tech. Research Council of Turkey (TÜBİTAK)
	Dündar Kocaoğlu	Portland State University
	Yavuz Oruç	University of Maryland
	Candan Tamerler-Behar	Istanbul Technical University

15:00 - 15:30 **Recognition of Young Scholars Travel Grant recipients**
Poster Session I (Coffee will be served)

15:30 - 17:00 **Panel III: U.S. - Turkey Academic Networks - Institutional Perspectives**

Moderator:	Emin Kansu	Turkish Academy of Sciences (TUBA)
Panelists:	Ahmet Ademoğlu	Scientific and Tech. Research Council of Turkey (TÜBİTAK)
	Adnan Akay	National Science Foundation (NSF)
	Tuncalp Özgen	The Council of Higher Education (YÖK)

17:00 - 17:15 **Coffee Break**

17:15 - 18:30 **Panel IV: TASSA General Assembly and Interactive Session**

Moderator:	Süleyman Gökoğlu	President, TASSA
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19:00 - 22:00 **Reception & Dinner (Yale Peabody History Museum)**

Sunday, March 25, 2007

8:00 - 9:00	Breakfast (Yale Law School Dining Hall)	
9:00 - 9:50	Plenary Speaker	
	Introduced by:	Daron Acemođlu Massachusetts Institute of Technology Refik Soyer George Washington University
9:50 - 10:00	Presentation of Plaques to Promoting and Sustaining Level Institutional Members	
10:00 - 11:00	Poster Session II (coffee will be served)	
11:00 - 13:00	Panel V: European Union and Turkey	
	Moderator:	Şeyla Benhabib Yale University
	Panelists:	Aslı Bâli Yale Law School Halil Berktaş Sabancı University David Cameron Yale University Türküler Işıkşel Yale University
13:00 - 14:00	Lunch (Yale Law School Dining Hall)	
14:00 - 16:00	Panel VI: Turkey - US Innovation Partnership	
	An Overview of National Innovation Initiative	
		Cemil Arıkan National Innovation Initiative, Turkey & Sabancı University
	Moderator:	Cemil Arıkan National Innovation Initiative, Turkey & Sabancı University
	Panelists:	Ođuz Babürođlu Turkish American Business Council (TAİK) & Sabancı University Nilüfer Eğrican Yeditepe University Müge Tanık Intel Corporation
16:00	Closing Remarks	
		Süleyman Gökođlu President, TASSA Serap Aksoy Conference Chair, Yale University

**Saturday, March 24, 2007
9:00 - 9:30**

H.E. Nabi Şensoy

Turkish Ambassador to United States

Nabi Sensoy became the Turkish Ambassador to the United States on Jan. 10, 2006. Ambassador Sensoy previously served as deputy undersecretary of general political affairs at the Ministry of Foreign Affairs (2002-05), ambassador to Russia (1998-2002), deputy undersecretary of political affairs for the European Union (1997-98), director-general of the Department of Policy Planning at the Foreign Affairs Ministry (1995-97), and ambassador to Spain (1990-95).

He was also chief of staff to the president (1988-90), consul general in London (1985-88), advisor to the prime minister (1983-85), as well as counselor at the Turkish embassies in Washington, D.C. (1980-83) and in Cuba (1979-80). Before that, he served as head of section at the Department of Bilateral Political Affairs for Western Europe (1977-79), first secretary at the Turkish Embassy in Venezuela (1975-77), vice consul at the Turkish Consulate General in New York (1972-75), and third secretary and second secretary at the Department of Research in the Foreign Affairs Ministry (1970-72).

Ambassador Sensoy is a graduate of the Faculty of Political Sciences at the University of Ankara.

**Message from H.E. Nabi Şensoy
for TASSA Annual Conference**

It is a great pleasure for me to welcome the participants of the 3rd Annual TASSA Conference at Yale University entitled "Essentials for a Better World: Energy, Environment, Food and Health".

We are living in a changing global environment in which we are seeking ways to overcome new challenges. Science is the only means to achieve the objective of clean and efficient energy, preservation of our environment and the adequate global supply of nourishment as well as the provision of health to our societies. And, scholarship is the indispensable element of furthering human civilization. In the theme of this conference I find both the reflection of a mindset that cares about the present and future of our planet and the heartening voice of the learned Turkish-American community to work for a better world through science and scholarship.

Turkey and the United States enjoy excellent relations anchored in shared values and a strategic partnership. They cooperate on a wide range of issues. The Shared Vision document made public last year, demonstrates the breadth of the common agenda and the mutual will to pursue them further. As the Turkish Ambassador, I have made it a priority to advance Turkish-American cooperation also in the field of science and technology.

Interaction between the Turkish and American scientific communities and peoples is one of our main assets to further improve bilateral ties between our countries. Cooperation in the field of science and technology should be a salient feature of our relations. To reach this aim, we will also need the enthusiasm and dedication of the scientists and scholars of both countries. I thank the leaders and members of TASSA for sharing this vision.

Finally, I would like to take this opportunity to commend the distinguished members of the Turkish-American scientific community as well as the leadership of TASSA for their efforts and wish them a successful Conference.

Saturday, March 24, 2007
9:00 - 9:30

H.E. Ross Wilson
American Ambassador to Turkey

Ross Wilson became the American Ambassador to Turkey on December 8, 2005. A career officer in the US Foreign Service with the personal rank of Minister-Counselor, Ambassador Wilson has worked since 1979 at the Department of State and at American missions abroad. Immediately before coming to Turkey, he served as Executive Assistant and Chief of Staff for Deputy Secretary of State Robert B. Zoellick, providing policy and staff support to the Deputy Secretary on the entire range of issues in American foreign policy. Between June 2003 and February 2005, Ambassador Wilson was the US Senior Negotiator for the Free Trade Area of the Americas (FTAA) at the Office of the US Trade Representative, developing, coordinating and implementing US government negotiating positions and strategies in these trade talks. Before that, he was the American Ambassador to the Republic of Azerbaijan in 2000-2003.

From 1997 to 2000, Ambassador Wilson was Principal Deputy to the Ambassador-at-Large and Special Advisor to the Secretary of State for the New Independent States of the former Soviet Union. He worked for Secretaries of State Baker, Eagleburger and Christopher in 1992-94 as Deputy Executive Secretary of the Department of State. He was Special Assistant to Under Secretary of State for Economic Affairs and Counselor of the Department Zoellick in 1990-92. Earlier in his career, Ambassador Wilson served in the State Department's offices dealing with the Soviet Union and Egypt. He also served overseas as US Consul General in Melbourne, Australia (1995-97), twice at the American Embassy in Moscow (1980-82 and 1987-90), and at the American Embassy in Prague (1985-87).

Born in 1955 in Minneapolis, Minnesota, Ambassador Wilson received a Bachelors degree magna cum laude from the University of Minnesota in 1977 and Masters degrees from Columbia University (1979) and the US National War College (1995). He is the recipient of the President's Meritorious Service Award (2005), Azerbaijan's Order of Honor, and numerous State Department awards. Ambassador Wilson is married to Margo Squire, who is also a career diplomat with the State Department. They have two sons.

Message from H.E. Ross Wilson
for TASSA Annual Conference

Welcome to the third annual conference of the Turkish American Scientists and Scholar Association, which will tackle the worthy theme of "Essentials for a Better World: Energy, Environment, Food and Health."

As American Ambassador to Turkey, I am working with the government and others to revitalize and modernize a partnership that has served the interests of our two countries well over sixty years. On March 12, 1947, President Truman laid out a new U.S. vision for peace and stability in Europe that we refer to today as the Truman Doctrine. The President proposed \$400 million in aid for Turkey and Greece. Congress supported the call for aid to Turkey and for broader funding under the Marshall Plan that was proposed in June 1947. Our post World War II relationship with this country was established.

We remain committed to that relationship and, indeed, our alliance. Last July, when he visited the United States, Foreign Minister Gul and Secretary of State Rice announced a Shared Vision and Structured Dialogue in which our countries pledged to improve cooperation on a wide range of issues. Among the areas our leaders identified were education, science and technology. This conference is a very useful opportunity to assess our work in these areas and identify new opportunities.

I applaud TASSA's important contributions to promoting collaboration and partnership and wish great success for this conference.

*Saturday, March 24, 2007
9:30 - 10:20*

**time for another howl:
I saw the best minds of my generation...**

Cemal Kafadar

Harvard University

Cemal Kafadar is Vehbi Koc Professor of Turkish Studies at Harvard University, History Department. He was director of the Center for Middle East Studies from 1999 to 2004. His study of early Ottoman history, *Between Two Worlds: The Construction of the Ottoman State*, has been translated into Arabic, Greek and Turkish (all of them forthcoming).

Ever in search of hidden troves in archives and libraries, his discoveries there have led to works on autobiographical writing and to the editing of a Sufi lady's mid-17th century dream log (*Asiye Hatun'un Ruya Defteri*, 1640, Oglak Yayinlari). He is also pursuing his interest in the narratives of modernity and tradition through research projects related to Ottoman social and cultural life in the early modern era. Since 1990, he has been managing a group project to digitize the court records of Ottoman Istanbul; the first volume in that series is just published (by Sabanci University Press), and more than twenty others are in the pipeline.

He plans to publish a book on one of his central concerns, the politics of crowds and rebellions in Istanbul from the late 16th to the early 19th centuries. Meanwhile, his essays and lectures on the topic will appear in "Rebels without a cause? Janissaries and other Riffraff of Ottoman Istanbul" (Bilgi University Press, forthcoming). He continues to work on related topics, including the history of coffeehouses, uses of the night, and communities of dissent.

Sunday, March 25, 2007
9:00 - 9:50

Disease and Economic Development

Daron Acemođlu

Massachusetts Institute of Technology

Daron Acemoglu is currently Professor of Applied Economics at Massachusetts Institute of Technology. He is the winner of the 2005 John Bates Clark Medal, and became elected fellow to American Academy of Arts and Sciences in 2006.

Acemoglu graduated in 1986 from the Galatasaray High School in Istanbul. He got his B.A. at the University of York, UK and his master's degree in mathematical economics and econometrics and then his doctorate in 1992 at the London School of Economics. He was a lecturer in economics at the London School from 1992-1993. Acemoglu became a member of the M.I.T. faculty in 1993. He was promoted to full professor in 2000, and was named the Charles P. Kindleberger Professor of Applied Economics in 2004. He is a member of the Economic Growth program of the Canadian Institute of Advanced Research. He is also affiliated with the National Bureau of Economic Research, Center for Economic Performance, and Center for Economic Policy Research.

His principal interests are Political Economy, Economic Development, Economic Growth, Technology, Income and Wage Inequality, Human Capital and Training, and Labour Economics. His most recent works concentrate on the role of Institution in Economic Development and Political Economy.

Daron Acemoglu is also the co-editor of the Review of Economics and Statistics, and associate editor of the Journal of Economic Growth.

Saturday, March 24, 2007
11:00 - 12:30

Selçuk Özgediz
World Bank

Selçuk Özgediz has been working with the World Bank since 1979, as staff until his retirement in 2004 and as consultant thereafter. His longest assignment in the Bank was as Management Adviser to the Consultative Group in International Agricultural Research (CGIAR). He led the CGIAR Secretariat's Governance and Partnerships Team, advised the CGIAR Chair and Director on system governance and institutional matters and took part in the design and implementation of reform and change management programs. In addition, he oversaw the organization of CGIAR's annual meetings, the management reviews of research centers, and design and delivery of leadership development programs for senior managers and board members.

Before his CGIAR assignment he served on the 1983 World Development Report core team and worked as Economist In the Bank's Policy Planning and Program Review Department. Prior to the World Bank he was Assistant Professor at Bogazici University (Istanbul), Senior Research Director at Systems Research Incorporated (Lansing, Michigan), and consultant for a number of organizations, including the U.S. Department of Agriculture and OECD.

He studied Political Science (Ph.D. and M.A., Michigan State University), Mathematical Statistics (M.Sc., Michigan State University), and Economics and Statistics (B. Sc., Middle East Technical University, Ankara).

John Rennie
Scientific American

John Rennie is only the seventh editor in chief in the 161-year history of SCIENTIFIC AMERICAN magazine. Since his appointment in late 1994, he has been the executive force behind the modernization and reinvigoration of this great publishing institution.

Rennie joined the staff of SCIENTIFIC AMERICAN as a member of the Board of Editors in 1989, having previously worked as a science writer covering biology, technology, and medicine for a variety of publications. He helped plan and edit several of SCIENTIFIC AMERICAN's distinguished single-topic issues, including Mind and Brain (Sept. 1992, the best-selling issue in SA's history) and Life, Death and the Immune System (Sept. 1993, later republished as a book by W.H. Freeman).

As editor in chief, Rennie oversaw such single-topic issues as Key Technologies for the 21st Century (Sept. 1995), What You Need to Know About Cancer (Sept. 1996) and A Matter of Time (Sept. 2002) All three of these issues were nominated for National Magazine Awards; What You Need to Know About Cancer and A Matter of Time both won for editorial excellence as Single-Topic Issues.

In Sept. 2003 the Potomac Institute for Policy Studies honored Rennie with its Navigator Award for distinguished service in support of national science and technology policy. In 2000 the Council of Scientific Society Presidents bestowed on Rennie its Sagan Award for Public Understanding of Science, which is given annually "to honor those who have become concurrently accomplished as researchers and/or educators, and as widely recognized magnifiers of the public's understanding of science."

Rennie was born in 1959, outside Boston. He received his bachelor of science degree from Yale University in 1981, after which he worked for several years in a laboratory at Harvard Medical School before embarking on his career as a science writer. His writing has appeared in The Economist, The New York Times, Longevity and other publications. His numerous television and radio appearances include the ABC World News Weekend, PBS Newshour with Jim Lehrer, A&E specials Eureka! 15 Top Inventors of the 20th Century and Scams, Schemes, and Scoundrels, Fox News Channel, Entertainment Tonight, ABC News Overnight, CBS Early Show, National Public Radio's Science Friday and Minnesota Public Radio's Marketplace. As a frequent public speaker, Rennie has appeared before audiences as diverse as those at the Massachusetts Institute of Technology, the University of Tennessee School of Journalism, and Middlebury College; he has been featured twice at the World Life Sciences Forum in Lyon, France, and at a variety of other conferences.

Saturday, March 24, 2007
11:00 - 12:30

Mehmet Toner

Massachusetts General Hospital, Harvard Medical School

Dr Mehmet Toner is a Professor of Surgery and Biomedical Engineering at the Harvard Medical School and Massachusetts General Hospital (MGH), and Harvard-Massachusetts Institute of Technology (MIT), Division of Health Sciences and Technology. Dr Toner is also a member of the Senior Scientific Staff at the Shriners Hospital for Children. Dr Toner received a Bachelor of Science degree from Istanbul Technical University and a MS degree from the Massachusetts Institute of Technology (MIT), both in Mechanical Engineering. Subsequently he completed his PhD degree in Medical Engineering at Harvard-MIT Division of Health Sciences and Technology in 1989.

Dr Toner serves as the Director of the BioMicroElectroMechanical Systems (BioMEMS) Resource Center at the MGH. Dr Toner is a member of many national and international professional committees, and serves on the editorial board of many scientific journals. Dr. Toner has served on many national and international panels and review boards, including National Institutes of Health (NIH) Study Sections, National Science Foundation (NSF) CAREER Award panels, NSF Nanoscience panel, NIH Nanotechnology and Tissue Engineering panel, NIH Reperative Medicine Bioengineering Consortium, and several DARPA strategic planning panels. In 1994, he was recognized by the YC Fung Faculty Award in Bioengineering from the American Society of Mechanical Engineers (ASME). In 1995, he received the Whitaker Foundation Special Opportunity Award. In 1997, he won the John F and Virginia B Taplin Faculty Fellow Award given by Harvard and MIT. In 1998, Dr Toner was selected to become a Fellow of the American Institute of Medical and Biological Engineering. Dr Toner serves on the Scientific Advisory Board of multiple biotechnology and medical device companies, and has been involved in several startup companies. Dr. Toner's research interests are at the interface of engineering and life sciences, including tissue engineering and stabilization, and micro- and nanosystems in biology.

Olcay I. Ünver

Kent State University

Olcay Ünver is Founder of Euphrates-Tigris Initiative for Cooperation (ETIC). He graduated from Middle East Technical University in Turkey with a B.S. and M.S. in Civil Engineering. He received his Ph.D. in Water Resources Planning and Management from the University of Texas at Austin, USA in 1986. Dr. Ünver worked as a Research Associate at The University of Texas, a staff engineer at Lower Colorado River Authority in Texas, a water resources expert for State Planning Organization (DPT) of Turkey and the Regional Director for Southeastern Anatolia Project (GAP) in Turkey. He was appointed as the President of GAP in 1991, a position he held until 2003. He led the transformation of GAP from a water resources development project to a comprehensive, sustainable socioeconomic development program. His work led to the IWRA Millennium Award in 2000; his nomination by UNDP, Turkey for the Poverty Alleviation and Human Development Award of the United Nations in 2002; by Turkish President Demirel for the King Hassan II Great World Water Award in 2003; and his induction in The World Development Hall of Fame, World Development Federation, Atlanta, U.S.A. in 2005.

Dr. Ünver is a NATO scholar. His professional affiliations include World Water Council, of which he was a member of the Board of Governors from 1995 to 2005 and the Treasurer from 2000 to 2003; International Water Resources Association, where he served as Secretary General and Vice President; and International Hydropower Association, where he was a Council Member. He has been on the editorial board of professional journals. He has articles, papers and edited books on regional development, sustainable socioeconomic development, transboundary issues and other relevant water resources topics. He has been featured by international media including New York Times, International Herald Tribune and the Time magazine, which listed him as a European Visionary among 19 personalities from Europe in Visions of Europe, Winter 1998-1999. His current endeavor, ETIC, a Track 2 initiative of Iraqi, Syrian and Turkish scholars and the only riparian cooperation initiative for the Euphrates-Tigris Basin has been acclaimed by the global water community and in the basin countries.

Saturday, March 24, 2007
13:30 - 15:00

Yaman Yener
Northeastern University

Dr. Yaman Yener is Associate Dean of Engineering for Research and Graduate Studies and Professor of Mechanical Engineering at Northeastern University, Boston, MA. He received his BS and MS degrees in Mechanical Engineering from the Middle East Technical University (METU), Ankara, Turkey in 1968 and 1970, and his Ph.D. degree in Mechanical Engineering in 1973 from North Carolina State University, Raleigh. He was on METU faculty from 1974 to 1980, holding positions as Assistant and Associate Professor of Mechanical Engineering. He served as the Chairman of the Mechanical Engineering Department at METU between 1978 and 1980. He taught as Visiting Associate Professor at the University of Delaware from 1980 to 1982 with a leave of absence from METU. He subsequently joined Northeastern University as Associate Professor in 1982. As Associate Dean of Engineering, Dr. Yaman Yener serves as Director of the Graduate School of Engineering, coordinates and promotes research activities within the College, and supervises the College's Industrial Liaison Program. He is directly in charge of two interdisciplinary master's programs: Information Systems and Telecommunication Systems Management.

As Professor of Mechanical Engineering, Dr. Yener maintains his own research program in transient radiation with short-pulse irradiation applications, radiative transfer in high-temperature aerosol, simultaneous radiation and other modes of heat transfer in radiatively participating media, natural convection stability in enclosed spaces, transient forced convection and nano/microscale heat transfer. He has published over 70 technical and research papers, co-authored two graduate-level books, Heat Conduction, Taylor and Francis, 1993 and Convective Heat Transfer, CRC Press, 1995, and edited three conference proceedings. In recognition of his contributions to the field mechanical engineering, Dr. Yener was elected, in 2000, a Fellow of the American Society of Mechanical Engineering. Between 2003 - 2006, he served as an elected Board Member of the Engineering Research Council of the American Society for Engineering Education. He is a member of the Honor Society of Phi Kappa Phi, Pi Mu Epsilon, Pi Tau Sigma, and an associate member of the Society of the Sigma Xi.

Candan Tamerler Behar
Istanbul Technical University

Candan Tamerler is Associate Professor in and Chair of the Molecular Biology and Genetics Department, Istanbul Technical University, Istanbul, Turkey. She is also the Director of Molecular Biology-Biotechnology and Genetics Research Center at ITU (MOBGAM), since its establishment in 2004. She is involved in a variety of projects in bionanotechnology, biotechnology, microbiology and environmental remediation areas supported by FW7, TUBITAK, TR-SPO, ITU as PI or Co-PI.

Tamerler holds a long term visiting professorship position in the Material Science and Engineering Department of the University of Washington, Seattale, WA, USA, where she has been involved in projects focusing on peptide-based materials and systems supported by ARO-DURINT and NIH. She currently works as a co-principal investigator in "Genetically Engineered Materials Science and Engineering Center" GEMSEC, an MRSEC/NSF project in the University of Washington, since 2005. The integration of her research in the large federally-funded programs at the UW lead her to be a leader in globalization between USA and Turkey through closely-advised student exchanges through UW and ITU. Professor Tamerler's research interests range from Chemical Engineering, to Molecular Biology to Genetics and their implementation in Materials, Engineering, and Medical fields, with recent extension to bio-based energy and molecular detection. In all these areas, she utilizes molecular biology and genetics for expression and purification of biological molecules, mainly proteins, peptides and enzymes, to modify and control their biological, chemical and physical functional activities. She holds her B.Sc., M.S. and Ph.D. degree in Chemical Engineering from Bogazici University, Turkey. Tamerler has published more than 40 SCI articles, 4 book chapters and delivered 30+ invited talks in international conferences, including Gordon Conference in Biomineralization 2006. She is also the co-coordinator of Nanobiotechnology Network being developed among the scientific and research institutions in Turkey.

Saturday, March 24, 2007
13:30 - 15:00

Dündar F. Kocaođlu
Portland State University

Dundar Kocaoglu is Professor and Chairman of the Engineering and Technology Management Department at Portland State University, and President and CEO of PICMET (Portland International Center for Management of Engineering and Technology). His research areas include technology management, project management, R&D management, decision theory, hierarchical decision modeling, evaluation and selection of emerging technologies, and resource optimization. Dr. Kocaoglu's degrees are BSCE from Robert College, MSCE from Lehigh University, MSIE from the University of Pittsburgh, and PhD in OR and Systems Management also from the University of Pittsburgh.

He is the author, co-author and editor of seven books and more than forty journal articles. He served as the editor of Wiley Book Series on Engineering and Technology Management for 13 years, and IEEE Transactions on Engineering Management for 16 years. Dr. Kocaoglu has received numerous awards including IEEE Fellow, IEEE Centennial Medal, IEEE Millennium Medal, and Distinguished Reserch Mentor Award of the National Science Council of Taiwan. He is listed in several "Who is Who" publications.

Yavuz Oru
University of Maryland

A. Yavuz Oru is an internationally renowned researcher in parallel processing and interconnection network theory. His more recent research has focused on quantum packet switching to explore potential applications of quantum computing to interconnection network design and routing. He served on the program committees of several conferences in parallel computing and networking fields. He also served as the Director of Computer Systems Architecture Program at National Science Foundation between 2000 and 2002. He is currently serving as an associate editor for IEEE Transactions on Parallel and Distributed Systems.

He is the Co-inventor of CodeMill, a computer science learning technology and was one of the recipients of the University of Maryland's "Innovation in Teaching with Technology Award" in 2000. Dr. Oru received his B.Sc. (METU,76) and a Ph.D. (Syracuse Univ., 83) degrees both in Electrical Engineering. He has been a tenured full-professor at the University of Maryland since 1995. He previously held a tenure-track faculty position at Rensselaer Polytechnic Institute and has been a visiting professor at Bilkent University. He has been serving as an advisor to the President of Scientific and Technological Research Council of Turkey since 2004.

Hüseyin Güler
The Scientific and Technological Research Council of Turkey (TÜBİTAK)

Mr. Hüseyin Güler was graduated from Marmara University, Department of Industrial Engineering and holds MBA degrees from Uludağ University and Kavrakođlu Management Institute. He started his professional life in TURKCELL Sales Development Department where he developed TURKCELL's first contractual subscription application that aims at increasing the loyalty of the most valuable customers. He undertook the responsibility of new product development studies with suppliers of several face lifting FIAT Doblo projects in TOFAŞ. In the year 2003, he was merited to TOFAŞ Purchasing Directorate Award, while he had the purchasing responsibility in the project oriented to the Middle East Market.

Mr. Güler joined to TÜBİTAK in June 2004. At present he serves as the National Coordinator of Turkey for EU Framework Programmes since November 2006. He was the member of the Turkish Delegation during the screening process among the Government of Turkey and EU Commission, within the scope of Science and Research Chapter that of the initial closed at the EU membership negotiations. Mr. Güler also undertakes studies for TURBO-ppp (the Turkish R&D Liaison Office) in Brussels, representing Turkey in international meetings and taking part in the university and industry oriented national events as trainer or speaker. Mr. Güler is conducting his PhD study on Science and Technology Policies at Middle East Technical University.

Saturday, March 24, 2007
15:30 - 17:00

Emin Kansu

Turkish Academy of Sciences (TUBA)

Dr. Kansu is currently professor of Medicine at the Oncology Department of Hacettepe University, and the Chairman of the Department of Basic Oncology of the Institute of Oncology at Hacettepe University. Currently, he is also serving as the board member of Turkish Academy of Sciences (TUBA).

Prof. Kansu graduated from Hacettepe Medical School in 1970, continued and completed the neurosurgical residency program in 1974. He completed residency in the Department of Internal Medicine and Hematology Thomas Jefferson University in 1978. His research interests include Behçet's Disease: Etiopathogenesis, Immunologic features, molecular biology, endothelial cell functions and therapeutic modalities, immunophenotypic features of lymphoproliferative diseases seen in Turkey, and In Vitro Bone Marrow Stem Cultures and clonal features and cytokine regulation of leukemic blast cells.

Dr. Kansu is the recipient of several prestigious awards including Sedat Simavi Foundation-Medical Sciences Award, Eczacıbaşı Foundation-Scientific Award in Medicine, and Turkish Scientific and Technical Research Council (TÜBİTAK) Scientific Achievement in Medicine Award.

Tuncalp Özgen

The Council of Higher Education (YÖK)

Professor Tuncalp Ozgen was born in Kutahya, Turkey in 1946. He graduated Hacettepe Medical School in 1969, continued and completed the neurosurgical residency program in 1974. He got microneurosurgery fellowship at Zurich University Kantonsspital Department of Neurosurgery in 1977. He assigned as associate professor in 1978 and full professor in 1988. He was the founder vice president of the Institute of Neurological Sciences of Hacettepe University and became the president of this Institute in between 1988-1993. Currently, he is also serving as a member of The Council of Higher Education (YÖK).

He has been very active in national and international organizations, being the president of Turkish Neurosurgical Society (1988-1989), Executive Council Member of European Association of Neurosurgical Societies and World Federation of Neurosurgical Societies (1989-1998) and vice president of European Association of Neurosurgical Societies (1995-1999). He is the member of the American Congress of Neurological Surgeons, German Neurosurgical Academia and also on the editorial board of numerous national and international journals. He is the author of over 180 articles which were published in national and international journals and a total of 217 citations to his work are recorded in the SCI.

He has been Chairman of the Department of Neurosurgery, Hacettepe University Faculty of Medicine and President of Hacettepe University since 1999. He gave 26 invited lectures at national and international conferences. Besides he was awarded by Turkish Neurosurgical Society Service Award in 2000, Ankara Young Businessmen Society Most Dynamic Director Special Award and Capital City Group 81st Golden Person of the Year in Medicine and Academic Branches in 2004.

Saturday, March 24, 2007
15:30 - 17:00

Ahmet Ademođlu

The Scientific and Technological Research Council of Turkey (TÜBİTAK)

Ahmet Ademoglu received his B.S. degree in electrical & electronics engineering in 1987, his M.S. and Ph.D. degrees in bio-medical engineering in 1990 and 1995, respectively, all from Bogazici University. He worked as a postdoctoral research associate at the University of Texas, Medical School from 1995 to 1997. He has been working as a faculty at the Biomedical Engineering Institute in Bogazici University since 1997.

His research interests are electrical brain imaging through EEG source reconstruction and fMRI. He is currently an active member of the Science Board of TUBITAK and he serves in its several committees. Among his national delegations for international organizations are the European Science Foundation, the European Molecular Biology Organization and the European Union 7th Framework Research Funding Program Turkish Action Plan Team.

Adnan Akay

National Science Foundation (NSF)

Adnan Akay joined the National Science Foundation as the director of Civil and Mechanical Systems Division on July 1, 2005 taking a leave of absence from Carnegie Mellon University. On July 1, 2006, he also assumed the position of Acting Director for the Division of Design and Manufacturing Innovation. Currently he serves as the Director for Civil, Mechanical and Manufacturing Innovation Division that resulted from the merger of the two. Dr Akay joined Carnegie Mellon as a professor and head of the Mechanical Engineering Department in 1992. In 1997, he was awarded the endowed Lord Chair in Engineering. From 1978 to 1992, he was on the faculty at WayneStateUniversity where he held the DeVlieg Chair in Engineering. Between 1976 and 1978 he was a visiting staff fellow at the National Institute of Environmental Health. He has held visiting appointments at MIT and the University of Rome "La Sapienza," and at Institut National des Sciences Appliquees de Lyon in France.

During Akay's tenure, Carnegie Mellon's Mechanical Engineering Department extensively revised its curriculum, which now ranks as one of the most flexible in the country. Akay's current focus is to promote a "renaissance" in engineering education, one that emphasizes knowledge creation and recognizes the individual student.

Adnan Akay's research lies in applied mechanics with emphasis on vibrations and acoustics. Much of his current research focuses on friction-induced sounds, addressing aircraft and automotive brake noise, and on contact damping aimed at reducing jet engine blade vibrations. A current collaborative research project with the University of Rome applies the concept of thermalization of vibrations, inspired by the dynamics of atoms in a solid, to reduce vibrations in complex structures. Akay's research combines analytical and experimental work. His laboratory facilities provide his students with the state-of-the-art sound and vibration measurement and analysis technologies.

Adnan Akay is an active member of the engineering professional community, and has been recognized for his contributions to research, education and professional service. He is a fellow of the American Society of Mechanical Engineers and the Acoustical Society of America, and a member of several honor societies. Most of his activities are coordinated through ASME, for which until recently he served as a vice president and as a team leader in the Critical Asset Protection Initiative. He co-founded, and has held numerous positions in, the ASME Noise Control and Acoustics Division. He also participated in the Engineering Foundation and has served as Council chair. Dr. Akay regularly consults with international industries as a technical advisor and serves on advisory boards of several universities. Dr. Akay received his B.S., M.M.E., and Ph.D. in Mechanical Engineering from North Carolina State University.

Sunday, March 25, 2007
11:00 - 13:00

Şeyla Benhabib
Yale University

Şeyla Benhabib is the Eugene Meyer Professor of Political Science and Philosophy at Yale University and Director of its Program in Ethics, Politics and Economics. Professor Benhabib is the President of the Eastern Division of the American Philosophical Association in 2006-07.

She is the author of *Critique, Norm and Utopia. A Study of the Normative Foundations of Critical Theory* (1986); *Situating the Self. Gender, Community and Postmodernism in Contemporary Ethics* (1992; winner of the National Educational Association's best book of the year award) ; together with Judith Butler, Drucilla Cornell and Nancy Fraser, *Feminism as Critique* (1994); *The Reluctant Modernism of Hannah Arendt* (1996; reissued in 2002); *The Claims of Culture. Equality and Diversity in the Global Era*, (2002) and most recently, *The Rights of Others. Aliens, Citizens and Residents* (2004), which won the Ralph Bunche award of the American Political Science Association (2005) and the North American Society for Social Philosophy award (2004). A new book, *Another Cosmopolitanism: Hospitality, Sovereignty and Democratic Iterations*, with responses by Jeremy Waldron, Bonnie Honig and Will Kymlicka is forthcoming from Oxford University Press in 2006. Her work has been translated into German, Spanish, French, Italian, Turkish, Swedish, Russian, Serbo-Croatian, Hebrew, Japanese and Chinese.

She has been a member of the American Academy of Arts and Science since 1996 and has held the Gauss Lectures (Princeton, 1998); the Spinoza chair for distinguished visitors (Amsterdam, 2001); the John Seeley Memorial Lectures (Cambridge, 2002), the Tanner Lectures (Berkeley, 2004) and was the Catedra Ferrater Mora Distinguished Professor in Girona, Spain (Summer 2005). She received an Honorary degree from the Humanistic University in Utrecht in 2004. Professor Benhabib is the president of the Eastern Division of the American Philosophical Association in 2006.

Aslı Ü. Bâli
Yale Law School

Aslı Ü. Bâli is the Irving S. Ribicoff Fellow at Yale Law School. She has lectured on Comparative Political Systems of the Middle East at Princeton University and served as an Associate at the firm Cleary, Gottlieb, Steen & Hamilton in New York and Paris.

Ms. Bâli received a J.D. degree from the Yale University Law School in 1999, an M.P.A degree with honors from the Woodrow Wilson School of Public and International Affairs, Princeton University in 1999, an M.Phil degree with distinction from Cambridge University in 1995, and a B.A. degree with highest honors, summa cum laude, from Williams College in 1993. During a sabbatical year in 2000 and 2001, Ms. Bâli completed the general examinations and teaching requirements for a Ph.D. degree at Princeton University. Ms. Bâli's practice focuses on restructurings, privatizations, mergers and acquisitions and project financing. She has extensive experience in cross-border transactions.

N. Türküler Işıksel
Yale University

N. Türküler Işıksel is a PhD candidate in political science at Yale University, and is presently writing her dissertation thesis on the constitutionalization of international law, with a particular focus on the EU and the WTO.

She completed her undergraduate studies at the University of Edinburgh, and holds an MPhil from Yale. She is the graduate student coordinator of the Yale Political Theory Workshop, and serves as a teaching fellow at Yale College. She is a former president of the European Youth Parliament and is currently a member of the Carnegie Council Young Leaders Program.

Sunday, March 25, 2007
11:00 - 13:00

Halil Berktaý

Sabancı University

Halil Berktaý is Associate Professor of History, and also Program Coordinator for both History and Turkish Studies, at Sabancı University (Istanbul, Turkey). BA-MA Economics (Yale '68); PhD History (Birmingham, UK '91).

A founding member of the History Foundation of Turkey, as well as of the Turkish branch of the Helsinki Citizens' Assembly. A member of the editorial advisory boards of (formerly) the Journal of Peasant Studies and (now) the Journal of Agrarian Change, as well as, until recently, of the Journal of Southeast European and Black Sea Studies. Also a member and vice-chairperson of the History Education Committee of the Centre for Democracy and Reconciliation in Southeast Europe (Thessaloniki), as well as a member of the advisory board of Pastis, Inc Centre for Historical Studies at CEU (Budapest). Doctoral focus was on the self-particularisations of 20th century Turkish nationalist historians, especially over the "non-feudal nature," so-called, of the Ottoman social formation.

Recent work includes : comparative studies and critiques of nationalist textbooks and history education, as well as attempts to create alternative textbooks and teachers' resource files, both for Turkey and Southeast Europe. Publications : three books, two edited books, plus numerous articles (including some in English, German and Hungarian as well as many in Turkish).

David Cameron

Yale University

David R. Cameron is a Professor of Political Science at Yale and the director of the Yale Program in European Union Studies. He also serves as the director of undergraduate studies in Political Science. Professor Cameron received a B.A. from Williams Collegem, M.B.A. from the Amos Tuck School of Business Administration at Dartmouth College, M.Sc. from the London School of Economics and Political Science, and Ph.D. from the University of Michigan. He has taught at Yale since 1975.

Professor Cameron teaches courses on European politics and on the European Union. He has written extensively about the impact of trade openness on government and, with respect to the EU, about the initiative to complete the internal market, the operation of the European Monetary System, the negotiation and implementation of Economic and Monetary Union, enlargement, and the negotiation and thwarted ratification of a constitutional treaty for the Union.

He has published many articles and chapters on these topics and co-edited, with Gustav Ranis and Annalisa Zinn, *Globalization and Self-Determination: Is the Nation-State under Siege?* , published by Routledge in 2006. He is currently writing about "Post-Communist Democracy" and about democracy in the EU.

Sunday, March 25, 2007
14:00 - 16:00

Cemil Arıkan

National Innovation Initiative

Cemil Arıkan is Director of Research and Graduate Policies at Sabanci University and co-chair of the TUSIAD - Sabanci University Competitiveness Forum executive committee. He also serves on the steering committee of the National Innovation Initiative.

He received his B.Sc. (1964), M.Sc. (1966) and Ph.D (1971) degrees in Electrical Engineering at Middle East Technical University (METU) where he worked until 1982. Between 1982 and 1995, he worked first in ASELSAN, then as general manager in Roketsan, and finally, as a general coordinator in Barmek Group. After serving as the Vice President of Scientific and Technical Research Council of Turkey for 4 years, he joined Sabanci University in January 2000.

Müge Tanik

Intel Corporation

Muge Tanik started her career in the IT industry almost 20 years ago. She established and managed the Solutions Channel for Lotus Development Corporation in Turkey.

Tanik joined Digital Equipment Corporation in 1990 in Turkey and assumed different marketing roles. Tanik also was engaged in channel marketing roles in the IT industry in the U.S before returning to Turkey in 1997 to establish Intel in Turkey. In this role she expended Intel s distribution channel and created Intel s ecosystem which consisted of hardware and software vendors, educational and government institutions. During her leadership, Intel Turkey appointed as the regional Intel headquarters.

Tanik assumed several senior positions in Product Development, Business Development, and Marketing Management roles in the last 7 years at Intel headquarters in Santa Clara, California. Tanik holds an MBA degree in Marketing.

Sunday, March 25, 2007
14:00 - 16:00

Nilüfer Eğrican
Yeditepe University

Nilufer Egrican has received her B.S. from Istanbul Technical University in 1970 and her Ph.D. from University of Maryland in 1977 both in Mechanical Engineering. She joined the faculty of University of Maryland in August 1977, teaching Thermodynamics and conductivity. Her research focus was solar energy systems. In 1978 she joined the faculty of Istanbul Technical University where she was promoted as a Professor. She has served as the Dean of School of Mechanical and Textile Engineering at Istanbul Technical University from 1994 to 2000. Currently she is the Vice President of Yeditepe University, responsible of accreditation of education, research and development and industrial relations.

Dr. Egrican also worked as a consultant for several private companies including Arcelik R&D Department (ongoing); Solar Energy Research Institute in Golden, Colorado, USA; International Center for Theoretical Physics in Trieste, Italy.

Dr. Egrican is also a member of Istanbul Chamber of Industry, Committee of Quality and Technology; National Innovation Initiative Group; Scientific Council of International Center of Heat and Mass Transfer; Scientific Council of International Center of Applied Thermodynamics. She is a member of the Board of Trustees of Heating, Cooling, Air Conditioning Research and Education Foundation. Dr. Egrican has served as the Vice President of ASME International Region XIII from 2003 to 2005.

Oğuz N. Babüroğlu
Sabancı University

Oguz N. Baburoglu is on the Management School Faculty of the Sabanci University and founder of two companies ARAMA - a participatory management consulting company, and MINDPORT-an executive training and development company both located in Istanbul Turkey.

He had received his PhD from the Wharton School of the University of Pennsylvania. He has published in the area of Organization Studies and has consulted and worked with over 400 institutions in Turkey, Europe and the USA to design future strategies and structures.

Health and Biomedical Sciences*

- H1.♦ Scorpionism in Children in Sanliurfa, Turkey**
Suhendan Adiguzel - Ozcan Ozkan, *Refik Saydam Hygiene Center*
- H2. Assessing the Health-Related Quality of Life (HRQoL) of a Clinical Sample of Obese Adults in Turkey**
Fevzi Akinci, Aysegul Yildirim, Hulya Gozu, Murat Cekin, Ryan Scott, *Washington State University, Marmara University, Dr. Lutfi Kirdar Kartal Education and Research Hospital*
- H3.♦ Investigating KCNE1 Glycosylation and its Effect on KCNQ1-KCNE1 K⁺ Channel Complex Assembly**
Tuba Bas and William R. Kobertz, *University of Massachusetts Medical School*
- H4. The Binding Interface in between Cytochrome c and Nanoparticles**
Halil Bayraktar, Chang-Cheng You, Vincent M. Rotello, Michael J. Knapp, *University of Massachusetts*
- H5. Fetal Bovine Serum Inhibits Chondrogenesis Induced by TGF- β 1 in Synoviocytes**
Bahar Bilgen, Ester Orsini, Deborah McK Ciombor, *Roy Aaron, Brown Medical School*
- H6. Doubly Curved Crystal X-Ray Optics Alignment System for High Intensity**
Ayhan Bingolbali, *SUNY at Albany*
- H7. Determination of Slime Production by Coagulase-Negative Staphylococci and Enterotoxigenic Characteristics of Staphylococcus aureus Strains Isolated from Human**
Banur Boynukara, Timur Gulhan, Kemal Gurturk, Mustafa Alisarli, Erdal Ogun, *Yuzuncu Yil University*
- H8. Phosphoinositide 3-kinase-independent nongenomic signals transit from the androgen receptor to Akt1 in membrane raft microdomains**
Bekir Cinar, Gaoyuan Meng, and Michael R. Freeman, *Harvard Medical School*
- H9. Needle Exchange Programs and Student Pharmacists: Combining Efforts to Expand the Use of Harm Reduction Services and Assess the Attitudes of Healthcare Professionals Toward Needle Exchange.**
Laura Gilbert-Hayn, Sejal Patel, Melanie Walker, Esin Kadiev, Charles Ruchalski, *Temple University*
- H10. Avian influenza (H5N1) infection in Eastern Turkey in 2006**
Ahmet Faik Oner, Sukru Arslan, Hayrettin Akdeniz, Yasar Cesur, Neziha Yilmaz, Serdar Epcacan, Ibrahim Deger, Baran Kızılyıldız, Hasan Karsen, Mehmet Ceyhan, *Yüzüncü Yil University, Refik Saydam Hygiene Institute, Hacettepe U.*
- H11.♦ Investigation of Intra-Cortical Circuitry of rodent Prefrontal Cortex using Simultaneous Intracellular and Multiple Unit Recordings in-vivo**
Şimal Özen, Anton Sirota, and Gyorgy Buzsaki, *Rutgers University*
- H12.♦ Factors Affecting in utero Retroviral Transduction Efficiency**
Ferhat Ozturk, Paul Park, Joe Tellez, Wayne B. Anderson, Maribeth Eiden, Esmail D. Zanjani, Graca Almeida-Porada, Christopher D. Porada, *University of Nevada, National Institutes of Health*
- H13. Understanding and Improving Pediatric Cardiovascular Fluid Dynamics**
Kerem Pekkan, *Carnegie Mellon University*
- H14. Relationship between Paraoxonase 1 (PON1) Activity and Metabolic Syndrome**
Cengiz Aydın, Gülsevrim Saydam, Mehmet Doğan, Ahmet Temizhan, *T.C. Yüksek İhtisas Research and Training Hospital*
- H15. Novel oligonucleotide based array-CGH system for detection of genome wide copy number changes including subtelomeric regions for genetic evaluation of mental retardation**
Gokce A. Toruner, Deanna L. Streckb, Marvin N. Schwalb, James J. Dermody, *UMDNJ- New Jersey Medical School*
- H16. Binding Specificity of a DNA Repair Enzyme, PARP-1.**
Kevin Chen, Linshan Yuan, Anatoly Dritschilo, Timothy J. Jorgensen, and Aykut Üren, *Georgetown University*

♦ Grant Recipients

* Accepted Posters as of March 10, 2007

Engineering and Applied Sciences*

- E1. Novel Thermal Barrier Coatings (TBCs) Resistant to CaO-MgO-Al₂O₃-SiO₂ (CMAS) Glassy Deposits**
Aysegul Aygun, Xinqing Ma, *The Ohio State University, Inframat Corporation*
- E2. Improvements on the Detectability of Glucose from Spectroscopic Signals**
Aysegul Ergin, Yagiz Sutcu, Gordon A. Thomas, *New Jersey Institute of Technology, Polytechnic University*
- E3. Hydrodynamics of Trickle Bed Reactors at Elevated Temperature and Pressure for Newtonian/non-Newtonian Liquids – Steady and Unsteady Operation**
Bora Aydin, Faıçal Larachi, *Laval University*
- E4. Effect of Plasma Treatment on the Attach. and Proliferation of Osteoblasts on Poly (ϵ -caprolactone)Scaffolds**
Eda D.Yildirim, Halim Ayan, Victor. N. Vasilets, Alexander Fridman, Selcuk Güçeri, Wei Sun, *Drexel University*
- E5. Automated simple moving object activity recognition from video sequences**
Ersin Elbasi, *The City University of New York*
- E6. Robust non-blind video watermarking in frequency domains**
Ersin Elbasi, *The City University of New York*
- E7. Implementation of Automated Diagnostic Systems for Biomedical Signals**
Elif Derya ÜBEYLİ, *TOBB University of Economics and Technology*
- E8. Investigation of Topographic Amplification in Granular Steep Slopes with Centrifuge Modeling Technique**
Fatma OZKAHRIMAN, Abu NASIM and Joseph WARTMA, *Drexel University, Schnabel Engineering*
- E9. Improving Labor Productivity Rates for Nuclear Power Plant Construction**
Gokhan Gelisen, *Polytechnic University*
- E10. Building Information Modeling Application for Environmental Impact Statement(BIMAFEIS).A Case Study: Ridge Hill Vill.**
Gokhan Gelisen, *Polytechnic University*
- E11. Formation of Graphene Sheets and Carbon Nanotubes on SiC**
Goknur Cambaz, Gleb Yushin, Yury Gogotsi, *A.J. Drexel Nanotechnology Institute,*
- E12. A New Nanosecond Pulsed Uniform Dielectric Barrier Discharge for Medical Applications**
H. Ayan, G. Fridman, A. Gutsol, V. N. Vasilets, A. Fridman, G. Friedman, *Drexel University*
- E13. Characteristics of HfO₂ and SiO₂ on p-type Silicon Wafers using Terahertz Spectroscopy**
H. Altan, A. Sengupta, D. Pham, H. Grebel and J. F. Federici, *New Jersey Institute of Technology, City College of the City University of New York, University of Leeds, International Sematech*
- E14. Locust Bean Gum (Ceratonia siliqua): Defining Quality and Functionality for use in Foods Processed at High Temp.**
M. Samil KOK, Sara A. Wigglesworth, *Abant Izzet Baysal University*
- E15. Packet Probes for Available Bandwidth Estimation in IEEE 802.11 Networks**
Mesut Ali Ergin and Marco Gruteser, *WINLAB, Rutgers, The State University of New Jersey*
- E16. Virtual Math Teams: Designing Software Support for Collaborative Math Problem Solving Online**
Murat P. Çakır, Gerry Stahl, *Drexel University,*
- E17. ♦ Structural Health Monitoring: Current Research Activities and Future Directions**
Mustafa Gul and F. Necati Catbas, *University of Central Florida*
- E18. Capacity of a field radiometer to estimate damaged-wheat caused by Russian wheat aphid**
Mustafa Mirik, Norman C. Elliott, Gerald J. Michels, Jr, *Texas A&M University, USDA-ARS*
- E19. The Use of Fictive Constraints in Finite Element Model Updating**
Dionisio Bernal and Omer F. Tigli, *Northeastern University*
- E20. Ultra-Low Power CMOS MICS Transceiver**
Huseyin S. Savci, Zheng Wang, and Dr. Numan S. Dogan, *North Carolina A&T State University*
- E21. Self-Organization of Sensor Networks for Energy-Efficient and Reliable Data Transport**
Nurcan Tezcan and Wenye Wang, *North Carolina State University*
- E22.♦ Highly Effective Contact Antimicrobial Surfaces via Polymer Surface Modifiers**
Pinar Kurt, Lynn Wood, Dennis E. Ohman, and Kenneth J. Wynne, *Virginia Commonwealth U., McGuire Vet.Aff. Med.Center*
- E23. Study of pion photo-production using a TPC detector to determine the structure of the nucleon**
Serdar Kizilgul and LEGS Spin Collaboration, *Ohio University*
- E24.♦ The Variational Frequency Amplitude-Only Microwave Technique for Materials Characterization**
Ugur Cem Hasar, *SUNY at Binghamton*
- E25. A Geometric Transformation to Protect Minutiae-Based Fingerprint Templates**
Yagiz Sutcu, Husrev T. Sencar and Nasir Memon, *Polytechnic University*

♦ Grant Recipients

* Accepted Posters as of March 10, 2007

Natural Sciences*

- N1.♦ The Nutrient Quality of Brown Comber (*Serranus hepatus*, Linnaeus, 1758) From Discard Sea Products in Mersin Bay (Northeastern Mediterranean)**
Büket B. Gözü and Özden Baştürk, *Mersin University*
- N2. Unique Continuation for a Hyperbolic Equation Across a Timelike Hyperplane(global Carleman estimates).**
Arif Amirov and Masahiro Yamamoto, *Zonguldak Karaelmas University, The University of Tokyo*
- N3. Chiral Separation of Nadolol Using Cyclodextrin Modified Micellar Electrokinetic Chromatography**
Cevdet Akbay, *Fayetteville State University,*
- N4. Resonant Mapping of Occupied and Unoccupied surface states of Cu(111)**
Mehmet B Yilmaz, Kevin Knox, Nader Zaki, Jerry Dadap, Richard M Osgood, Peter Johnson, *Columbia University, Brookhaven National Laboratory*
- N5. How many papers should be retracted?**
Murat Cokol,Ivan Iossifov, Raul Rodriguez-Esteban, and Andrey Rzhetsky, *Columbia University*
- N6. Stability Analysis of Delay Population Dynamics under Allee Effects**
Oktay Duman, *TOBB Economics and Technology University*
- N7. Intraspherical and interspherical extinctions: an explanatory classification**
Saniye Güven and A. M. C. Şengör, *Istanbul Technical University*
- N8. The Role of CcmG in C-type Cytochrome Maturation and the Evidence for Its Dual Function**
Serdar Turkarlan, Carsten Sanders and Fevzi Daldal, *University of Pennsylvania,*
- N9. Structural characterization of polyelectrolyte-protein coacervates**
A. Basak Kayitmazer, Christophe Tribet, H. Bohidar, Paul L. Dubin, *University of Massachusetts Amherst , ESPCI, Paris, JNU, New Delhi*
- N10. EcoNet: A New Software for Ecological Modeling, Simulation and Network Analysis**
Caner Kazanci, *University of Georgia*
- N11. Branched Polyethyleneimine Coatings for Controlled Protein Adsorption and Biosensing Applications**
Melek Erol, Svetlana Sukhishvili and Henry Du, *Stevens Institute of Technology*
- N12. Affect of Russian Wheat Aphid (*Diuraphis noxia*) Feeding on the Yield of Wheat (*Triticum aestivum* L.)**
Mustafa Mirik, Norman C. Elliott, Gerald J. Michels, Jr, *Texas A&M University, USDA-ARS*
- N13. Limited Tolerance Towards the Periplasmic Protease DegP in the Absence of the Thiol: Disulfide Oxidoreductase DsbA**
Ozlem Onder, Serdar Turkarlan and Fevzi Daldal, *University of Pennsylvania*
- N14. Ornithine Lipid is Required for Optimal Steady-state Amounts of C-type Cytochromes in *Rhodobacter capsulatus***
Semra Aygun-Sunar, Sevnur Mandaci, Hans-George Koch, Ian V. J. Murray, Howard Goldfine¹ and Fevzi Daldal, *University of Pennsylvania,TUBITAK, RIGEB, University of Freiburg Medical School*
- N15.♦ Nanostructured Solar Cells**
Ozgur Yavuzcetin, *University of Massachusetts*

Social Sciences, Arts and Humanities*

- S1. Conflicting Identities and Outcomes among Foreign Workers in the U.S.A**
Ali Soylu, *Temple University*
- S2. Integrating Content and Language: Thematic Health Unit in ESL Classroom**
Anil Ş. Rakıcioğlu SÖYLEMEZ, *Abant İzzet Baysal University*
- S3.♦ Preferred and Actual Out-of-school Activities: A Comparative Case Study of Turkish Children**
Asil Ali Özdoğru and Çağrı Özköse-Bıyık, *University at Albany*
- S4. Highlights of Preliminary Results from Turkish Participation of PISA in 2003**
Cengiz Alacaci, *Florida International University*
- S5. Relative Efficiency of Turkish Textile Firms during 2001 Financial Crisis**
Cüneyt Gözü, *SUNY at Albany*
- S6. Impact of Ending Rules in Online Auctions: The Case of Yahoo.com**
Ilke Onur, Kerem Tomak, *TOBB University of Economics and Technology, Yahoo Search and Marketplace*
- S7. The role of Religion, Culture, Media, and Democracy in American Public Schools: Making Connections through Teaching Philosophies and Teacher Knowledge Research**
Melda N. Yildiz, *William Paterson University of New Jersey*
- S8. European Union's Enlargement Period: "Peace and Welfare"**
Oğuz Yıldırım, *Grand Valley State University and Çanakkale Onsekiz Mart University*
- S9. A Diathesis-Stress Model of Preadolescent Depression: Perceived Control and Attachment in Relation to Depressive Symp.**
Ozlem Bekar, Nicole J. Walden, Monica L. Rodriguez, *SUNY at Albany*
- S10. European Health Action in Preventive Health: Impacts on EU Role and Direction**
Petek A. Kalaycioglu, *Bahcesehir University*
- S11.♦ Educational Research on How Young Students Make Sense of Variability in Probability Situations: "Why is the distribution shaped this way?"**
Sibel Kazak, *University of Massachusetts Amherst*
- S12.♦ Interorganizational Response to Catastrophic Disasters: Hurricane Katrina in 2005**
Tolga Arslan, Katherine McKinney, Naim Kapucu, *University of Central Florida*
- S13. Interstate Partnerships in Emergency Management: Emergency Management Assistance Compact (EMAC) in Response to Catastrophic Disasters**
Vener Garayev, *University of Central Florida,*
- S14. Effect of Mood on Metamemory**
Zehra Peynircioğlu, *American University*

Institutional*

- I1. National Science Foundation and Bioengineering Funding Opportunities**
Semahat Demir, *National Science Foundation*
- I2. A Cross-Disciplinary Graduate Degree Concentration in Nanotechnology at Stevens Institute of Technology**
Melek Erol, *Stevens Institute of Technology*
- I3. Interventional MRI and the iMRI Device Fabrication Lab**
Ozgur Kocaturk, *NIH / National Heart Lung and Blood Institute*
- I4. Our Biomedical Imaging Research Collaboration Experience**
Sonmez Merdim, Akin Yucetas, *NHLBI-NIH, Bogazici University*
- I5. Dual-Degree Cooperation between the Turkish University System and Binghamton University – SUNY**
Oktay Sekercisoy, *Binghamton University*

♦ Grant Recipients

* Accepted Posters as of March 10, 2007

2007 TASSA Young Scholars Travel Grant Recipients

Engineering & Applied Sciences

Mustafa Gül	University of Central Florida
Uğur Cem Hasar	SUNY at Binghamton
Pınar Kurt	Virginia Commonwealth University

Health & Biomedical Sciences

Tûba Baş	University of Massachusetts
Şimal Özen	Rutgers University

Natural Sciences

Ferhat Öztürk	University of Nevada
Özgür Yavuzçetin	University of Massachusetts

Social Sciences, Arts and Humanities

Tolga Arslan	University of Central Florida
Sibel Kazak	University of Massachusetts
Asil Özdoğru	University at Albany

Ömer Tunç Awards

Şühendan Adıgüzel	Refik Saydam Hygiene Center
Buket Gözü	Mersin University

The Turkish-American Scientists and Scholars Association (TASSA) is an independent, non-profit and non-political organization promoting educational and scientific cooperation between the USA and Turkey. Established in June 2004 in Washington, D.C., it aims to facilitate the advancement of science in Turkey and the USA through scientific exchange and educational programs and increased networking.

VISION

TASSA's vision is to build a sustainable science bridge between the U.S. and Turkey. This bridge would facilitate the flow of people (scientists and scholars), knowledge, and technology and help link science and technology institutions in the two countries.

TASSA will accomplish its vision by:

- Exchanges of scientists
- Facilitating joint research projects and joint publications with scientists based in Turkey
- Facilitating sabbaticals
- Establishing a "Science Corps" for voluntary short-term assignments
- Forming networks of scientists based in the U.S. and Turkey in various disciplines
- Twinning of U.S. and Turkish scientific and academic institutions
- Facilitating the sharing of best practices among science institutions.

The building of a science bridge requires strong "legs" on both sides of the Atlantic. Thus, as a matter of priority, TASSA is strengthening its own internal organization, expanding its membership, and developing directories of people and institutions, in both Turkey and the US.

TASSA Board of Directors

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Süleyman Gökoğlu *NASA*

President Elect

Banu Onaral *Drexel University*

Executive Director

Murat Tükel *Ohio Env. Prot. Agency*

Treasurer

Refik Soyer *George Washington U.*

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Bylaws & Elections Committee Chair

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IT Committee Chair

Yalçın Sert *U. of Maryland - U. Col.*

Health & Biomedical Sciences Technical Group

Aziz M. Uluğ *Cornell University*
Semahat Demir *NSF*
Fikri Avcı *Harvard Medical School*

Natural Sciences Technical Group

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Social Sciences, Arts & Humanities Tech. Group

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Selçuk Özgediz *World Bank*
Hakan Taşçı *UNC at Chapel Hill*

Engineering & Applied Sciences Technical Group

Numan Doğan *N. Carolina A&T State U.*
Ali Tombak *RF Micro Devices*
Erol Tutumluer *University Of Illinois*

Student Member

Hasan Ayaz *Drexel University*

TASSA 2007 GENERAL ASSEMBLY

March 24, Saturday
17:15-18:30

Yale Law School
127 Wall Street
New Haven, CT 06511

Meeting Agenda:

- Presentation of the TASSA 2006 Activity Report
- Presentation of the TASSA 2006 Financial Report
- Approval of TASSA 2006 Activity and Financial Reports

TASSA 2006 Activity Report

The Executive Committee of TASSA hereby presents to the membership for its approval a summary of TASSA programs and activities in 2006. The report covers the period starting from January 1, 2006, until December 31, 2006.

The programs and activities listed below are not in any order of priority, nor are they necessarily given chronologically. Though they constitute a tangible list of potential landmark activities and major accomplishments, there had been many other invisible efforts and unmentioned groundwork behind the scenes which earned TASSA the reputation it deserves today.

During the brief period of its existence, TASSA has been gaining the respect of many reputable institutions for science and technology (S&T) and for policy-making, both in North America and across the Atlantic. Currently, TASSA is being recognized by many people as an organization that undertakes new initiatives, that undersigns ground-breaking activities, and that establishes first-ever connections and joint collaborations. Many of the activities listed below represent only the initial seeds of a thriving organization aiming towards a more productive future with fruitful results.

U.S. – Turkey Science Bridge:

In accordance with its vision to build sustainable science bridges between the U.S. and Turkey, TASSA has undertaken and been involved in the following list of activities in 2006:

- TASSA has been instrumental in arranging an official visit of TUBITAK, the Scientific and Technological Research Council of Turkey, to the U.S. by providing a significant platform at the TASSA Annual Conference in Philadelphia in March. TASSA has also helped TUBITAK to connect with key S&T organizations in the U.S. to facilitate their meetings in Washington, DC, the week after the Annual Conference.
- In May, TASSA played a key and active role in arranging a visit to Turkey by Dr. George Atkinson, the Science and Technology Adviser to the U.S. Secretary of State. Dr. Atkinson started his trip first by joining the TASSA-TUBITAK workshop held at TUSSIDE in Gebze and by addressing the participants in the opening session. During his four-day trip, officially hosted by TUBITAK, Dr. Atkinson toured the facilities at TUBITAK Marmara Research Center, visited a few state and private universities both in Istanbul and Ankara, met with some TUSIAD members, and conferred with U.S. Ambassador Ross Wilson. TASSA President Suleyman Gokoglu accompanied him throughout his stay in Turkey.
- In July, a Shared Vision document was put into effect between the U.S. and Turkey to advance their strategic partnership. TASSA claims significant credit for the special emphasis in this document on S&T collaboration, and on the promotion of bilateral exchanges among scientists and engineers, academicians and think-tanks, and educators and students. It is a major accomplishment to elevate education, science and technology as an official agenda item with a high priority between both countries.
- In September, the Supreme Council of Science and Technology in Turkey held its 14th meeting in which the TASSA-TUBITAK workshops and Dr. Atkinson's visit to Turkey were among the highlights of international cooperation activities in S&T between the Turkey and the U.S. Major decisions were made requiring improvements in Turkey's science and technology, and innovation capacity, and developing and fostering existing networks and linkages, such as those with TASSA. The Council also recognized the need to have a S&T Attaché appointed to key embassies abroad, a measure actively promoted by TASSA and supported by the Turkish Embassy in Washington.
- TASSA is proud to have done its own share of contributions in the publication of a 19-page Special Section, TURKEY THE BRIDGE in the January 2007 edition of the Scientific American magazine.

GENERAL ASSEMBLY

Governance:

A special online TASSA General Assembly was held in January 2006 at which a new amended Bylaws (version 6.0) was approved by the membership. The new Bylaws brought some changes to the structure of the Board of Directors (BoD). The BoD had gone through a transitional period of adjustment with the new Bylaws until the special elections were held at the end of 2006.

Special elections were held in late 2006 which determined a President-Elect, a Treasurer, a new Membership Committee chair, three Auditors, and renewed a portion of the Technical Groups on the BoD. The results of the elections revealed that the Student Member of the BoD could not be determined due to a technical glitch in the online voting system. Also as a result of the elections, a position on the Health and Biomedical Sciences (H&BS) Technical Committee was emptied since Hande Ozdinler, the newly elected chair of the Membership Committee, had to leave her previously occupied seat on the H&BS Technical Committee. The newly elected members of the Board have started their terms effective January 1st, 2007. (The BoD has taken immediate action to fill the empty positions and have already completed the appointment process for the two new members in February 2007.) We thank all departing BoD members for their hard work and congratulate the new members who joined.

Banu Onaral is the newly elected President-Elect of TASSA. Dr. Onaral is the H. H. Sun Professor of Biomedical Engineering and Electrical Engineering, and Director of School of Biomedical Engineering, Science and Health Systems at Drexel University. She will begin her two-year term of presidency on January 1st, 2008.

During the second half of 2006, Executive Director Levent Yanik and Finance Director Altan Turgut had to leave their positions in the Executive Committee. Murat Tukul was appointed as the new Executive Director by the BoD in December 2006 and Refik Soyer was elected as the new Treasurer (as is now referred to by the new Bylaws to replace the former Finance Director) during the recent elections.

The new Bylaws eliminated the former status of the Web Committee as a standing committee with an intention to expand its responsibilities as well as providing more flexibility to its structure in the ever-changing environment in the information technology world. The BoD certainly recognizes the central role and key importance of Web-based functions for the increasingly more complex needs of TASSA and its future online operations. Towards this end, the BoD developed a protocol defining the structure and charter of a committee under the name of the Information Technology Committee (ITC) and formally established the ITC. Yalcin Sert was appointed by the BoD to chair this committee. Mr. Sert already formed the ITC by picking its members and the committee is currently in the process of formulating its future plans.

During 2006, the BoD conferred two new people as honorary members of TASSA. We are proud to add Gazi Yasargil and Aziz Sancar in our roster of honorary members which included Erdal Inonu, Faruk Logoglu and Kenan Sahin.

It should be noted that the governance of TASSA is indeed a challenge. The subject of establishing a TASSA secretariat has been introduced to the BoD as the workload of the Executive Committee gets to be extremely heavy. It is a reality that BoD functions are carried out in virtual media. There is no professional staff for assistance, and furthermore, continuing success of TASSA raises future expectations for its performance. For the health and longevity of TASSA, establishing a secretariat will be seriously considered.

Annual Conference:

TASSA held its second Annual Conference at Drexel University in Philadelphia, PA, on March 25-26, 2006. More than 300 prominent scientists and scholars attended the meeting. Prof. Dr Nuket Yetis, the Acting President of TUBITAK, delivered the keynote address on the first day. Prof. Gazi Yasargil, honored as the Neurosurgeon of the Century in 1999 by the Journal of Neurosurgery, gave the keynote speech on the second day.

Key policy making organizations such as the U.S. State Department, TUBITAK, the National Science Foundation (NSF), and the American Association for the Advancement of Science (AAAS) participated with respected representatives on various panels. More than ten presidents of major universities in Turkey participated in discussions with the representatives of other relevant institutions to explore new visions for the Turkish higher education system. About ninety posters were accepted and more than sixty of them, mostly authored by young students and post-doctoral fellows, were presented at the conference. As a vehicle to help young scholars to participate in major TASSA events, TASSA established a mechanism under the title of Young Scientists Grant and supported a total of 11 people for their conference-related travel expenses.

As soon as the BoD reached a decision in October 2006 to hold the third Annual Conference at Yale University in New Haven, CT, on March 24-25, 2007, an official conference organizing committee was established. This committee has been diligently working on every detail related to the conference including the structure of the conference program, the arrangement of speakers and the recruitment of sponsors.

Annual Conference Proceedings:

The proceedings of the 2006 Annual Conference were published in hardcopy and are also electronically posted on our Web site. The contents of the proceedings include the write-ups submitted by the invited speakers about their presentation subjects, short bio's of the speakers, abstracts of the poster presentations, a list of conference sponsors and some samples of the memorable photographs taken at the conference.

Visiting Scholars Program (VSP):

TASSA launched this new initiative with an aim to promote cooperation between its members in the U.S. and their counterparts in Turkey. The program provides no-cost opportunities to the Turkish educational and research institutions to host U.S. scholars visiting Turkey, typically using their own resources. TASSA has developed a database of potential host institutions in Turkey with more than 1,000 entries. During the second year of its establishment, there have been about 30 applications to the VSP and the program received very positive feedback from its participants. Currently, the VSP committee is going through a transition with the departure of former members and addition of new ones after the elections. There is a recognized need to improve some VSP activities and to make them more user-friendly. The visibility of the VSP program is intended to be increased on the Web site in coordination with the newly established IT Committee.

TASSA-TUBITAK Workshops (TASTUB):

A compact was established last year between TASSA and TUBITAK to foster research collaborations between the scientists from the U.S. and Turkey. The program continued with the second of the intended series of workshops which was held at the TUSSIDE facilities of TUBITAK in Gebze, Turkey, at the end of May 2006. A total of about 100 researchers (20% from the U.S., 30% from universities in Turkey, and 50% from TUBITAK Marmara Research Center) joined the workshop, doubling the number of participants from the U.S. from 10 in last year to 20 this time. Two new theme areas, namely, food & nutritional sciences and technology management, were added to the former five different themes of the previous year which covered the areas of nanotechnology, biotechnology, energy, environmental sciences, and earth sciences/natural disasters. Some of the produced joint project ideas have now been matured and turned into formal proposals and are being submitted to TUBITAK for funding. TASSA has requested from TUBITAK an assessment report about the achievements of the past two workshops. More complete information about the progress of teams in each theme area, the number of proposals developed for certain targeted funding agencies, the success rates for funding of the submitted proposals, and other such statistical data relevant to the outcome of the workshops are needed to assess if these meetings are creating value for the TASSA mission. There seems to be some issues related to the funding of joint proposals by TUBITAK if part of the project needs to be pursued in the U.S. by the co-investigator at her/his U.S. institution. Planning of future workshops depends on the resolution of such issues. TASSA is now considering more specific workshops on more focused areas, such as bio-nanotechnology.

Regional Workshops:

Towards its objective to hold regional workshops under various themes and in accordance with a protocol developed to organize such workshops as a mainstream TASSA activity, TASSA held the first TASSA-TUSIAD regional meeting in Boston in June 2007. This event brought scientists and scholars in the region together with the applied research and business teams from various prominent companies. The TUSIAD delegation from Turkey was visiting various cities in the United States under a new initiative entitled "Discover Corporate America" aimed mainly at exposing their members to activities related to innovation and R&D in the US private sector. At this regional meeting, TASSA members met with and heard from the TUSIAD delegation, and developed connections and networked with their colleagues from various other companies.

TASSA forges alliances with other organizations that foster similar or overlapping missions. Along these lines, TASSA was a proud sponsor of TABCON 2006 organized in May by the Turkish American Business Connection Association. The theme of TABCON 2006 was "Financing Our High-Tech Future: Investments In Turkey." The meeting brought together many business and technology innovators and visionaries in Berkeley, CA.

Web site:

Web-based presence is high priority for any network-based organization like TASSA. Our Web site should serve as a medium for communications and a discussion forum for membership. However, the utilization of our Web site as a communication tool has been quite low and is not wide spread among membership. While the highest number of postings by a single individual has reached 200, there are many registered TASSA members who do not even realize that they can directly post their messages and announcements, or initiate discussions on scientific or professional subjects in this environment without any involvement from TASSA officials.

The Web site is also used by the BoD as an archival medium to conduct its official business and as a decision-making tool for governance. In recognition of its vital role, the BoD has formally established the ITC, as mentioned above. With the leadership of the ITC and its competent members, we expect to find remedies for the shortcomings of our website and substantially improve its functionality within this year.

Membership:

The number of people who voluntarily registered to TASSA through its online system has reached 1900 at the end of December 2006. However, only about 20% of them were dues-paying members, making it an area requiring immediate attention and improvement. With the election of a new chair for the Membership Committee recently, the committee will restructure soon and start devising fresh approaches to recruiting new people and increasing membership.

As the amended Bylaws cleared its pathway, TASSA has established a new membership category: Institutional Members. Although during the first half of 2006, our efforts to recruit Institutional Members have not been effectively pursued, soon after the consolidation of our plans for the 2007 Annual Conference, we have accelerated our promotions and started to enlist distinguished universities and organizations both in Turkey and the U.S. It seems that Institutional Membership will indeed be an effective vehicle in the future for enhancing networking and connecting organizations of similar missions.

Fundraising:

These activities had been sporadic and mostly geared towards funding the expenses related to the TASSA Annual Conference. So far, a committee specifically chartered to raise funds has not been established. As mentioned above under the heading of governance, there is a serious need to base the longevity of TASSA on a healthy financial structure. Towards this end, President Gokoglu and Executive Director Yanik have already contacted and visited various authorities and institutions and explored their interests for funding and supporting TASSA. These initial efforts need to be expanded and a more systematic method to conduct fundraising efforts need to be initiated. Establishing an endowment fund to support a secretariat would be desirable. Forming an "advisory committee" of individuals and institutions who would contribute to the establishment of such an endowment fund and who would attract significant donors should be one of the priorities in the near future.

We urge you to get more actively involved in TASSA programs and activities, and to support our flourishing organization.

Respectfully,



Süleyman Gökoğlu, Ph.D.
President, TASSA

TASSA 2006 Financial Report

Checking beginning balance - January 1, 2006	\$9,846.55	
Savings beginning balance - January 1, 2006	\$15,115.11	
Beginning balance - January 1, 2006		\$24,961.66
Membership income (***)	\$18,745.00	
Interest income	\$1,484.97	
Donations	\$3,506.50	
Conference registration	\$4,256.00	
Sponsorship	\$80,752.00	
Total income		\$108,744.47
Administrative expenses	\$3,014.87	
Conference expenses	\$53,678.97	
Grants	\$1,575.00	
Event sponsorship	\$3,692.53	
Total expenses		\$61,961.37
Checking ending balance - December 31, 2006	\$5,144.68	
CD ending balance - December 31, 2006	\$51,234.15	
Savings ending balance - December 31, 2006	\$15,365.93	
Ending balance - December 31, 2006		\$71,744.76

*** Details of Membership Payments Jan. 1-Dec. 31, 2006

Full	195 members x \$75	\$14,625.00	
Student	141 members x \$25	\$3,525.00	
Overseas	17 members x \$35	\$595.00	
Total membership income			\$18,745.00

This financial report, covering the period starting from January 1st, 2006, until December 31st, 2006, is hereby submitted by the Executive Committee for the approval of TASSA membership.

Respectfully,



Refik Soyer
Treasurer, TASSA

Auditor Report

March 12, 2007

Ref: Auditor Opinion on 2006 financial statements of TASSA

Dear TASSA Members,

As elected TASSA Auditors, we performed our audit work during a visit to TASSA Treasurer Refik Soyer's office and going over the all financial documents provided to us in detail subsequently. All the required information for this audit was provided to us amicably and without delay.

According to our audit carried out in line with our limited duties, the annual statement of accounts complies with the relevant legal provisions. In observance of the principles of due accounting, the annual statement of accounts reflects as accurately as possible TASSA's status with regards to its finances.

As a brief summary, TASSA started 2006 with \$24,961.66 all in various bank accounts. All of its income came through its bank accounts and all of its expenses are made by official checks and its debit card, all reflected in the detailed financial tables presented to us. TASSA ended the calendar year with \$71,744.76 in its bank accounts, with a net worth increase of \$46,783.10.

We would like commend the Executive Committee and the Board with their fiscal responsibility since the administrative costs of TASSA was kept at a bare \$3,014.87 for the whole year, which includes fixed expenses such as web hosting and phone bills.

Furthermore, we also reviewed the TASSA 2005 Financial Report which had already been approved by the membership during the 2006 Online General Assembly. We found the report to be accurate and acceptable.

For any further questions and clarifications, please do not hesitate to contact us.

With kind regards,



Alkan Dönmez



Hürriyet Ok



Ahmet Çelik

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