

Linearizer Technology, Inc.

IEEE Princeton/Central Jersey Section
Friend of IEEE Award

In Recognition and Appreciation of Prominent and Continued Support to IEEE Activities and the Engineering Profession

Linearizer technology, Inc. specializes in the solution of problems involving the non-linearity of RF/microwave components and systems. LTI provides both manufacturing and consulting services although its principal business is the production of predistortion linearizers for high power microwave amplifiers.

In 1991, Dr. Allen Katz, together with several of his former students incorporated LTI. The decision to begin manufacturing linearizers was made in 1990 when a telecommunications client required an HPA for use in satellite ground stations with performance that exceeded units then in the marketplace. The following year LTI produced the first commercial "LTI Linearizer." Today, thousands of LTI linearizers are in service in the U.S.A. and throughout the world. Users include virtually all TWTAs and Klystron amplifier manufacturers; satellite system operators, major teleports and satellite users. LTI linearizers have also been applied in terrestrial, PCS, cellular, radar and government services.



Princeton University

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Chartered in 1746 as the College of New Jersey – the name by which it was known for 150 years – Princeton University was British North America's fourth college. Located in Elizabeth for one year and then in Newark for nine, the College of New Jersey moved to Princeton in 1756. The entire College was housed in Nassau Hall for nearly half a century. In 1896, when expanded program offerings brought the College university status, the College of New Jersey was officially renamed Princeton University in honor of its host community of Princeton. Four years later, in 1900, the Graduate School was established. Fully coeducational since 1969, Princeton now enrolls approximately 5,000 undergraduates and more than 2,300 graduate students.



Dr. Yoshihiro Ohba
Toshiba America Research, Inc.

IEEE Region 1 Award

For Innovative and Exemplary Contributions to the Field of Internet Mobility and Security Related Research and Standards

Yoshihiro Ohba is a Research Director in Toshiba America Research Inc. He received B.E., M.E. and Ph.D. degrees in Information and Computer Sciences from Osaka University in 1989, 1991 and 1994, respectively.

Dr. Ohba is an active member in IEEE 802 and IETF for standardizing security and mobility protocols. He is chair of IEEE 802.21a Task Group developing a standard for security extensions to the IEEE 802.21 media-independent handover protocol. He is an inventor of eight (8) issued United States patents and eight (8) issued Japanese patents.

Dr. Ohba has published seven (7) Internet RFC (Request For Comments) including RFC 5191 (PANA - Protocol for carrying Authentication for Network Access) and 24 research papers in the area of mobility and security, etc. He wrote one book chapter of "Mobile Internet" and one Japanese book chapter of "WiMAX textbook".



Telcordia

IEEE Princeton/Central Jersey Section
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Telcordia was created in 1984 as the result as the divestiture of AT&T.

The company was owned by the Regional Bell Operating Companies and were chartered to be their research and development organization. As Bell Communications Research and later Bellcore, the company earned a reputation as a well-respected innovator, pioneering such landmark communications technologies as SONET, ATM, ISCP and fiber optics. As the RBOCs evolved and became more competitive with each other, it became clear that their common ownership of Bellcore was not going to last. In 1995, the RBOCs agreed to sell Bellcore, ultimately striking a deal with employee-owned Science Applications International Corporation (SAIC). This change in ownership was an opportunity to reestablish the Bellcore's place in the market. In 1999, a global corporate branding program, reintroduced the company to the world as Telcordia Technologies.

In 2005, Providence Equity Partners and Warburg Pincus acquired Telcordia and the company is now focused on bringing telecommunications solutions to their customers, so their businesses work better.

Having built so much of the existing U.S. telecommunications network, Telcordia is now developing and delivering next generation network solutions, promoting the convergence of voice, data, and video. Leveraging the strength of its past, Telcordia continues to break ground around the world as more companies come to depend on their Innovation, Experience and Reach.



Prof. Wieslaw Bury
DeVry University

**IEEE Region 1 Award
For Outstanding Contribution to Teaching and Leadership in Improving Communication
between IEEE and Student Community**

Dr. Wieslaw Bury is a senior professor in the Electronics Department at DeVry University where he has been on faculty since 1983. He previously worked as a Product Design Engineer and Project Engineer at General Cable Company and also held the position of Design Engineer at Brown Boveri. He has been a Senior Member of IEEE since 1987 and currently serves as Vice Chair of the Princeton/Central Jersey Section. He holds membership in the American Society for Engineering Education as well. For the past four years, he has been actively involved in the planning of the Sarnoff Symposium and served as Finance Chair from 2005 - 2007.

Dr. Bury received both his Master's degree and his Ph.D. in Electrical Engineering from Polytechnic University in Brooklyn. The subject of his doctoral dissertation was "Bidirectional DC-DC Converters: Topologies and Control." He has presented his research at various conferences in the US and in Europe where he has also had several opportunities to serve as Session Chair.



Dr. Kyrialos Manousakis

**IEEE PCJS 2009 Leadership Award
for Excellent Leadership as the General Co-Chair of the IEEE Sarnoff
Symposium 2009**

Born in Rhodes Island, Greece, Dr. Kyriakos Manousakis received, with honors, his undergraduate degree in electronics and computer engineering from the Technical University of Crete, Chania-Greece. He received his M.Sc. and Ph.D. degrees in electrical and computer engineering from the University of Maryland, College Park. Since 2005 Dr. Manousakis has been a senior research scientist in the Mobile Networking Research group of Telcordia Technologies, Piscataway, NJ. He is the recipient of the Award of Excellence in Telecommunications from Ericsson for his undergraduate work on the design and evaluation of a Video on Demand transport system and a repeated recipient of the Greek National Scholarship Foundation (IKY) Award and the Technical Chamber of Greece Award. He is listed as one of the most noteworthy people in his field by the Who is Who in America of 2009. He has organized multiple IEEE sponsored conferences in the area of networking and he has participated and lead multi-million dollar proposals and programs. Dr. Manousakis holds several patents and has authored several publications in his field of interest to include optimization techniques and algorithms for resource conferences, optimization techniques and algorithms for resource constraint infrastructure-less (MANETs), hybrid (satellite and terrestrial), IMS-based and social network architectures with special focus on network and domain auto configuration, topology control, MAC, routing, mobility management and security (intrusion detection and key management).



THE IEEE FELLOW

The grade of Fellow recognizes unusual distinction in the profession and shall be conferred by the Board of Directors upon a person with an extraordinary record of accomplishments in any of the IEEE fields of interest. The accomplishments that are being honored shall have contributed importantly to the advancement or application of engineering, science and technology, bringing the realization of significant value to society. The nominee shall hold Senior Member grade at the time the nomination is submitted and shall have been a member in good standing in any grade for a period of five years or more preceding 1 January of the year of elevation. The year of elevation to the grade of Fellow is the year following approval by the Board of Directors conferring the grade of Fellow. Members elevated to the Fellow grade may use the title immediately following approval by the Board of Directors. All those elevated receive a congratulatory letter, a certificate, and pin.

The IEEE Fellows are an elite group from around the globe. The IEEE looks to the Fellows for guidance and leadership as the world of electrical and electronic technology continues to evolve.

The Princeton Central Jersey Section The Institute of Electrical & Electronics Engineers 2009 Section Awards

Teri Ulrich

2009 OUTSTANDING AWARDS CHAIR AWARD
For excellent service as the Awards Chair to the
IEEE Princeton Central Jersey Section

Daniel Deng

2009 OUTSTANDING FINANCE CHAIR AWARD
For excellent leadership as the Finance Chair of the
Samoff Symposium 2009

Malay Ganai

2009 OUTSTANDING LOCAL ARRANGEMENTS CHAIR AWARD
For excellent leadership as the Local Arrangements Chair of the
Samoff Symposium 2009

Vishal Singh

2009 OUTSTANDING REGISTRATION CHAIR AWARD
For excellent leadership as the Registration Chair of the
Samoff Symposium 2009

Wieslaw Marszalek

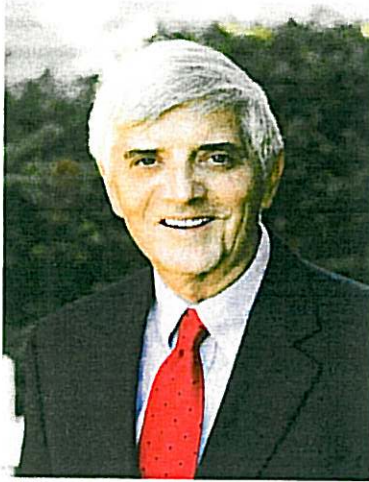
2009 OUTSTANDING STUDENT PAPERS CHAIR AWARD
For excellent leadership as Student Papers Chair of the
Samoff Symposium 2009

Edwin Hou

2009 OUTSTANDING TUTORIALS CHAIR AWARD
For excellent leadership as Tutorials Chair of the
Samoff Symposium 2009

Matthew Zieniewicz

2009 OUTSTANDING MILITARY PANEL CHAIR AWARD
For excellent leadership as Military Panel Chair of the
Samoff Symposium 2009



Dr. Robert Lucky

IEEE Fellow

Recipient of the IEEE Edison Medal

"Reflections on the Joys of Engineering"

***The Princeton Central Jersey Section
IEEE Sarnoff Symposium 2009 Best Student Paper Award***

FIRST PLACE

Mr. Ambarish Roy
University of Massachusetts, Lowell, MA, USA
"Material Acoustic Speed and Density Parameter Extraction in Solidly Mounted Resonators"

SECOND PLACE

Mr. Kuganeswaran Thambu
Ryerson University, Toronto, Canada
"A Pixel Based Dynamic Algorithm for Correlation Noise Estimation in Distributed Video Coding"

THIRD PLACE

Mr. Gordhan Das Menghwar
Vienna University of Technology, Vienna, Austria
"Cooperative Space-Time Codes with Opportunistic Network Coding"

THIRD PLACE

Mr. Martin Hynes
University of Ireland, Galway, Ireland
"The Effect of Path Failure on SCTP Handover Performance in a Multi-homed Client"

IEEE Princeton / Central Jersey Section
Annual Awards Dinner
June 5, 2009

The Prospect House on the Campus of Princeton University
Reception 5:30 P.M.
Dinner and Program Immediately Following

EXECUTIVE COMMITTEE

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SECTION CHAIR

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SECTION AWARDS CHAIR

Dr. Robert Lucky
KEYNOTE SPEAKER

IEEE Fellow
Recipient of the IEEE Edison Medal
Presenting:
"Reflections on the Joys of Engineering"

