NJ Section PACE:
Engineers Meet:
Contract Engineering - An Alternate Form of Employment

On Wednesday, November 14, 2007 the North Jersey Section Professional Activities Committee will meet to discuss contracting engineering, AKA job shopping. Members present at the meeting will present their views about contract work and add to the discussion.

About the Meeting
This meeting will provide you with the opportunity to discuss contract engineering, the relationship between the contract firm, client company and the contract engineer.

- Opportunities, Demand
- D, S & E High Tech Recruiting Index
- The Function of Supply and Demand
- Contract Engineering, Who, What & Why
- Labor Rates Example
- Locating Contract Firms
- Playing the game
- Interviews. Contracts and Negotiations.

You are encouraged to attend and bring your spouse and associates.

About the Speaker
Richard F. Tax is a Senior Life Member of IEEE and has worked as a contract engineer for more than 25 years. He is a member of the North Jersey Section Executive Committee and presently the PACE Chair for the Section and METSAC.

He is currently president of the American Engineering Association Inc., a professional organization dedicated to the enhancement of the American Engineering Profession. A more detailed article about Contract Engineering can be found at http://www.aea.org/pdf/Contract_Engineering_07.pdf.

All Welcome
Members and students from other professional societies and engineering disciplines are always welcome. We now include members from IEEE, ASME and AEA. For more information about these groups see:
- www.aea.org
- www.ieeusa.org/policy/care/
- www.ieeusa.org
- www.programmersguild.org
- web.njit.edu/~ieeenj/
- www.asme.org/sections/northjersey

Time: 6:15 PM to 9:00 PM, Wednesday, November 14, 2007.
Place: Clifton Memorial Library, 292 Piaget Ave, Clifton, NJ, (973) 772-5500.

Employment: Mechanical Engineer
Vision Research, a local design and manufacturer of very high speed digital cameras, is looking for qualified engineers to join its design team. Expertise in small product enclosure design, sourcing and finishing is essential. Skills in thermal analysis, modeling and Solidworks design tools are necessary. This person must have relevant industry experience of greater than 5 years to qualify. The ideal candidate would be someone that has worked as a mechanical engineer in an electronic products company. Apply confidentially to Dick Toftness; rtoftness@visionresearch.com. Vision research is an EOE employer.

North Jersey Section Seeks Committee Chairs and Volunteers
The NNJ IEEE Section ExCom is seeking new volunteers to help conduct business at the section level for the benefit of its membership in the North Jersey section and surrounding areas. There are a variety of volunteer positions open and available. They range from long-term to short-term, technical to non-technical, leadership or just participatory. All activities have varying levels of time commitment. For Chapter Chairs, you MUST be a member of the corresponding IEEE Society.

If you would like to become involved with volunteering in some of these efforts or positions or just become more informed about what is happening at the NNJ IEEE Section, please contact Dr. Chandra Gupta at c.gupta "AT" ieee.org. You can even attend the section business meeting held the first Wednesday of every month to find out more and other volunteer activities that require some help.

Additionally, if interested volunteers would like to get more general information about other activities in our section, visit the North Jersey Section website for newsletter information http://web.njit.edu/~ieeenj/ or contact Dr. Chandra Gupta, c.gupta "AT" ieee.org.
IEEE Personal Email Alias

The IEEE offers a personal e-mail Alias service in which IEEE members can register or instantly update a personal alias of their choice (subject to availability and on a "first-come, first-served" basis). Messages addressed to the alias@ieee.org will automatically be forwarded to the members real Internet e-mail address at their ISP. Over 100,000 members received more than 200 million messages using this service in 2003. See http://eleccomm.ieee.org/.

Free Virus Scanning

9,000,000 Virus-Infected Messages Detected in 2005!

The virus-scanning feature helps prevent you from receiving viruses in the first place. Attachments within e-mail sent to your IEEE alias will be scanned, and if a virus is found, the attachment will be deleted. An alert is then sent to both the sender and recipient. While the IEEE cannot guarantee that every virus will be caught, the virus scanning software is updated daily. A service like this typically costs $20 to $30 per year, but as an IEEE member, it is yours FREE of charge.

Free Spam Tagging

Members have the option of adding a new feature to help IEEE members manage the amount of unsolicited commercial email (UCE), or spam, they receive. Members who elect to take advantage of this new service have the option of either tagging or blocking possible UCE. The service also now supports black and white listings.

This e-mail forwarding service is available to IEEE members to simplify the communications concerning editorial and business matters, including advertising, should be sent to the Business Manager via e-mail at k.saracinello “AT” ieee.org.

• You may choose your alias name, but are encouraged to use a construction of your family and given names whenever possible, to make it easier for people to contact you.

Advantages of a Personal IEEE E-Mail Alias:

- If you change your Internet Service Provider and hence your e-mail address, you only have to send one correction - an update to the IEEE.
- If you change your employer or your location within the company which results in a different e-mail address, you only have to send one update - to the IEEE.
- An e-mail address which is independent of your service provider or employer.
- Only one place to make changes to your e-mail address.
- IEEE aliases are usually easier to remember and simpler to use than the real address.

- An e-mail address which associates you with the IEEE.

NJ GOLD & WIE:
Field Trip to Edison Menlo Park Museum

The North Jersey section GOLD and WIE Affinity Groups in conjunction with Central Jersey section GOLD are jointly sponsoring a field trip to the Thomas Edison Menlo Park Laboratory Historical Site and Museum on Saturday, November 10, 2007. The group will assemble between 1:30 PM at the museum entrance located at 37 Christie Street, Menlo Park Section of Edison, NJ 08820, immediately off Route 27 South (Lincoln Highway). The group will be treated to a special guided tour exclusively for the IEEE group.

The tour will conclude at 4 PM and, for those interested, the group will go to the Starbucks located 1/2 mile south on Route 27 at 1-11 Lincoln Highway for a coffee hour to network, mingle, and discuss future IEEE events.

Come join the group and check out this historical site and source of so many great innovations. The museum and tour are free (suggested donation $2), but registration is required to get an accurate count for the tour. Bring a friend and enjoy the afternoon learning and interacting with your fellow members and a chance to win some exciting door prizes.

The museum website and directions are at: www.menloparkmuseum.com (732-549-3299) Register by visiting the North Jersey Section GOLD website at http://ewh.ieee.org/l1/north_jersey/gold.

For any questions, contact northjerseygold@ieee.org.

Time: Assemble between 1-1:30 PM at the museum entrance, Saturday, November 10, 2007. Tour concludes at 4 PM.

Place: Edison Menlo Park Museum, 37 Christie Street, Menlo Park Section of Edison, NJ 08820.

Information: Contact northjerseygold@ieee.org.

The North Jersey Section Executive Committee usually meets the first Wednesday (except holidays and December) of each month at 7:00 PM. Meetings are open to all members. For information on meeting agenda contact Secretary Russell Pepe at (201) 960-6796, rpepe “AT” att.net.
IEEE North Jersey Section Activities
November 2007

Nov. 7 – “NJ Section Meeting”, 6:30 PM, “Executive Committee Meeting” - 7:00 PM, ITT, 77 River Rd, Clifton, NJ. Russell Pepe at rpepe “AT” att.net.

Nov. 10 – “Field Trip to Edison Menlo Park Museum”, NJ GOLD, WIE, 1:00 – 4:00 PM, Edison Menlo Park Museum, 37 Christie Street, Menlo Park Section of Edison, NJ. Contact northjerseygold@ieee.org.

Nov. 14 – “A New Low Frequency Noise Model for Multi-Stack Gate MOSFETs” by Dr. Zeynep Çelik-Butler, NJ EDS/C&S Chapters, 7:00 PM (buffet at 6:15 PM), New Jersey Institute of Technology (NJIT), Room 202, ECE Center, Newark, NJ. Dr. Richard Snyder (973) 492-1207 (RS Microwave), Dr. Edip Niver (973) 596-3542 (NJIT), or Dr. Durga Misra (973) 596-5739 (dmisra “AT” njit.edu).


Nov. 16 – “Utility Distribution Systems Technical Series – Power Capacitors & Voltage Regulators Seminar” by Paul Pearce, NJ PES/IAS, 9:00 AM to 2:00 PM, PSE&G - Hadley Road Facility, 4000 Hadley Road, South Plainfield, NJ 07080-1192. Ronald W. Quade, PE, (732) 205-2614 or rwquade “AT” ieee.org.

Upcoming Meetings


Members and Non-Members Welcome
PLEASE POST
A New Low Frequency Noise Model for Multi-Stack Gate MOSFETs

On November 14, 2007, the IEEE NJ Section Electron Devices, Circuits and Systems Chapters together with the New Jersey Institute of Technology will host a talk on "A New Low Frequency Noise Model for Multi-Stack Gate MOSFETs." The speaker will be an EDS Distinguished Lecturer, Dr. Zeynep Çelik-Butler.

About the Talk

In MOSFETs, high dielectric constant (high-k) materials are developed as possible replacements for SiO2 as the gate dielectric. Although these materials do overcome the issue of gate leakage current due to increased dielectric thickness for a given equivalent dielectric capacitance, several other problems arise. The talk will cover noise and mobility degradation issues in high-k gate stacks.

A new unified noise model will be presented that accurately predicts the low-frequency noise spectrum exhibited by MOSFETs with high-k, multi-stack gate dielectrics. The proposed multi-stack unified noise (MSUN) model is based on number and correlated mobility fluctuations theory developed for native oxide MOSFETs, and offers scalability with respect to the high-k/interfacial layer thicknesses. In addition, it incorporates the various electronic properties of high-k/interfacial layer materials such as energy barrier heights between different gate layers, and dielectric trap density distribution with respect to band energy and position in the dielectric. For verification of the new model, the low frequency noise, DC and conventional split C-V measurements were performed in the 78-350 K temperature range on HfO2 n-channel MOSFETs. Using the experimental noise data, the channel carrier number fluctuations mechanism was at first established to be the underlying mechanism responsible for the noise observed at all temperatures considered. Secondly, the normalized noise exhibited a weak dependence on temperature implying that the soft optical phonons, although known to result in mobility degradation, have no effect on the noise characteristics in these high-k gate stack MOSFETs. Finally, the new model was shown to be in excellent agreement with the measured noise in 1-100 Hz frequency range at temperatures of 78-350 K for the gate stacks studied.

About the Speaker

Dr. Zeynep Çelik-Butler is Professor of Electrical Engineering and Director of Nanotechnology Research and Teaching Facility at the University of Texas at Arlington. She received dual BS degrees in electrical engineering and physics from Bogaziçi University, Istanbul, Turkey, in 1982. She received the MS and PhD degrees in electrical engineering in 1984 and 1987, respectively, from the University of Rochester. She was an IBM Pre-doctoral Fellow from 1983 to 1984, and an Eastman Kodak Pre-doctoral Fellow from 1985 to 1987. She joined the Department of Electrical Engineering at Southern Methodist University in 1987 as an Assistant Professor; was tenured and promoted to Associate Professor in 1993. Dr. Çelik-Butler was the holder of J. Lindsay Embrey Trustee Assistant Professorship from 1990 to 1993. She served as the Assistant Dean of Graduate Studies and Research from 1996 to 1999. She moved to University of Texas at Arlington in 2002.

She served in various technical committees including 1988, 1989 IEEE-IEDM's and Annual Symposia on Electronic Materials, Processing and Characterization (1989 - 1992) and International Conference on Noise in Physical Systems and 1/f Fluctuations (1993, 1999, 2001). She was the General Chair of TEMEMS II Workshop. She was the co-Chairman for the SPIE Conf. on Noise in Devices and Circuits in the Symp. on Fluctuation and Noise (FaN'2003) and the symposium co-chair for the same symposium in 2005 (FaN'2005). Currently, she is an editor for Fluctuation and Noise Letters.

Prof. Çelik-Butler has received several awards including the University of Texas at Arlington Outstanding Research Achievement Award (2006), IEEE-Dallas Section Electron Devices Society Outstanding Service Awards (1995, 1997), IEEE-Electron Devices Society, Service Recognition Award (1995). IEEE-Electron Devices Society, Distinguished Lecturer Appreciation Award (2006), Outstanding Electrical Engineering Graduate Faculty Awards (1996, 1997, 2001), and SMU-Sigma Xi Research Award (1997). Her research interests include microelectromechanical systems, multi-functional reconfigurable sensors, noise and reliability in nanoelectronic devices. She has four patents, six book chapters, and over 150 journal and conference publications in these fields. Dr. Çelik-Butler’s research has been supported by the NSF, SRC, NASA, AFSOR, THECB, Freescale, Legerity, ST-Microelectronics, Texas Instruments, Raytheon Lockheed Martin Aeronautics and ARO.

Dr. Çelik-Butler is a senior member of IEEE, member of Eta Kappa Nu, and the American Physical Society. She is a Distinguished Lecturer for the IEEE-Electron Devices Society.

All Welcome

You do not have to be a member of the IEEE to attend.

Time: 7:00 PM, Wednesday, November 14, 2007. Free buffet will be starting at 6:15 PM.

Place: New Jersey Institute of Technology (NJIT), Room 202, ECE Center, Newark, NJ. Directions are available at http://www.njit.edu.

Information: Dr. Richard Snyder (973) 492-1207 (RS Microwave), Dr. Edip Niver (973) 596-3542 (NJIT), or Dr. Durga Misra (973) 596-5739 (dmisra "AT" njit.edu).

Call for Fellow Nominations

Nominations are being accepted for the IEEE Fellows class of 2009. The rank of IEEE Fellow is the institute’s highest member grade, bestowed on IEEE senior members who have contributed "to the advancement or application of engineering, science, and technology." The deadline for nominations is 1 March 2008.

Senior members can be nominated in one of four categories: application engineer/practitioner, research engineer/scientist, educator or technical leader. The Fellows Web site contains additional information on the nomination process including access to the Fellows Nomination Kit, lists of Fellows who may be available as references as well as the history of the IEEE Fellows program. Please visit the Fellows website at http://www.ieee.org/fellows.
IEEE Computer Society Announces 60th Anniversary Awards for a Century's Computer Contribution

Washington (2 October 2007) - From a field of 13 prominent candidates, the IEEE Computer Society has selected David L. Parnas of the Software Quality Research Laboratory at Ireland's University of Limerick; and Maurice V. Wilkes, of the University of Cambridge, to receive the one-time IEEE Computer Society 60th Anniversary Award.

The award recognizes an individual or individuals who have been responsible for a fundamental and important computer science and engineering contribution over the past century. Selection committee members paid careful attention to the originality and significance of a contribution, as well as the weight of its impact on computer science and engineering, as well as society at large.

The combined award citation reads: "For their seminal contributions to the discipline of computing. Maurice Wilkes pioneered microprogramming, which enabled very large and complex hardware structures to be implemented reliably and systematically. David Parnas provided insights into making large-scale systems development manageable with the concepts of encapsulation and information hiding, and helped establish software development as an engineering discipline firmly rooted in mathematics."

Parnas is an icon in the software engineering field. He is one of its founders and most influential authors, writing the first papers on program families (now known as product lines) and interface designs. Parnas wrote widely cited papers on synchronization primitives that were very important as examples of certain models such as Petri Nets. His research on information hiding is now widely accepted as the basis of object-oriented and other design methods. Parnas' work on the precise specification of programs and model checking has led to current practices in formal methods and safe systems.

Wilkes designed and built EDSAC (1949), the world's first practical stored program computer, and in 1951 developed the concept of microprogramming. His 1958 EDSAC 2 was the first computer to have a microprogrammed control unit and established the viability of microprogramming as a basis for computer design. Wilkes also developed Titan, which supported the UK's first time-sharing system and provided wider access to computing resources for university researchers. In a notable design feature, the Titan's operating system provided controlled access based on the identity of the program, as well as or instead of, the identity of the user.

The IEEE Computer Society sponsors an active awards program that recognizes both technical achievement and service to the Society and the profession. In the technical area, awards are presented for pioneering and significant contributions to the field of computer science and engineering. Service awards are presented to both volunteers and staff for well-defined and highly valued contributions to the Society.

To learn more about IEEE Computer Society Awards, visit http://www.computer.org/awards.

The IEEE Computer Society is the world's leading association of computing professionals with 100,000 members in over 140 countries. It is also the largest society within the IEEE, which is the world's largest technical professional organization.

Contact: Violet Doan, IEEE Computer Society, v.doan@ieee.org, (202) 371 0101, ext. 4707.

NEWS from IEEE-USA:
First IEEE-USA Innovation Forum Coming in November to Help Prepare U.S. Tech Leaders to Prosper in a Global Marketplace

Washington (1 October 2007) - Because engineers are our country’s principal innovators, and innovation generates economic activity and leads to desirable, high-paying jobs, IEEE-USA will host its first IEEE-USA Innovation Forum at the Fairview Park Marriott in Falls Church, Va., on 6-8 November.

The day-and-a-half forum is designed to promote the innovation process, highlight new technologies and trends, and help scientists, engineers and allied professionals improve their innovative skills. Unlike programs offered by and for business school graduates, the IEEE-USA Innovation Forum is grounded in the experience of successful technology innovators.

IEEE-USA Innovation Institute President Ralph W. Wyndrum thinks the forum will benefit individuals and their organizations in today’s globally competitive environment.

“Innovation has been the hallmark of American engineering,” said Wyndrum, who served as IEEE-USA president in 2006. “We need to retain our role as the world’s technology leader and innovation incubator. Our forum will help prepare leaders responsible for the innovation of new products and services by sharing the experiences of successful innovators in a coordinated program of interaction, mentoring and networking.”

Current and future leaders from industry, academia and government will have the opportunity to learn from a distinguished faculty that includes: Mike Austin, who has served as president and CEO of numerous U.S. steel companies; Alain Rostain, founder and principal of Creative Advantage, a strategic innovation consulting firm; Mauro Togneri, a former president and senior executive of U.S. companies with R&D, sales and manufacturing operations around the world; and Steve Walker, an entrepreneur and former Defense Department engineer who helped develop the ARPAnet packet switching system that evolved into the Internet.

Howard Lieberman, founder and CEO of the Silicon Valley Innovation Institute, will deliver the keynote address.

Attendees will learn to innovate in a team-setting and work through real case studies. Group discussions and exercises will focus on:

- Leadership and culture’s impact on innovation
- Large vs. small organizations as foundations for innovation
- The innovation process and how to leverage your style to promote innovation
- Capitalizing on new technologies and processes

The event begins on 6 November with an opening night reception and dinner. The forum starts the next day with a full day of teaching and includes breakfast, lunch and breaks. It will conclude with a half-day program that includes breakfast and a morning break. The cost is $795 for IEEE members and $950 for non-members. See http://www.innovation-institute.org/dcforum/.

The IEEE-USA Innovation Forum is part of the IEEE-USA Innovation Institute (http://www.innovation-institute.org/).

IEEE-USA advances the public good and promotes the careers and public policy interests of more than 215,000 engineers, scientists and allied professionals who are U.S. members of the IEEE. IEEE-USA is part of the IEEE, the world's largest technical professional society with 370,000 members in 160 countries. See http://www.ieeeusa.org.

Contact: Chris McManes, IEEE-USA Senior Public Relations Coordinator, (202) 530-8356, c.mcmanes@ieee.org.

“The IEEE Newsletter” – November 2007 - Page 5 NJ
50th ANNUAL IEEE GLOBECOM
2nd ANNUAL COMMUNICATIONS INDUSTRY FORUM & EXPO
26 – 30 November 2007 • Hilton Washington Hotel • Washington, DC

PLAN TO ATTEND THE PREMIER TELECOMMUNICATIONS EVENT
Where industry meets to network, exchange ideas, and learn the latest developments

KEYNOTE & PLENARY SPEAKERS INCLUDE (Partial List)

Matt Bross
Chief Technology Officer
BT Group

Dr. Jeong Kim
President
Bell Labs at Alcatel-Lucent

Scott McGregor
CEO
Broadcom

Mark A. Wegleitner
Senior Vice President, Technology & Chief Technology Officer
Verizon Communications

Prof. Wu Hequan
Vice President
Chinese Academy of Engineering

COMMUNICATIONS INDUSTRY FORUMS

> ACCESS '07 EXECUTIVE BUSINESS FORUM
11 Sessions

> DESIGN & DEVELOPERS FORUM
9 Sessions

> TUTORIALS & WORKSHOPS
39 Tutorials & 9 Workshops

EXPERIENCE THE INDUSTRY EXPO

> EXHIBITS
• Components
• Subsystems
• Systems
• Hardware
• Software
• Middleware
• Test Equipment

EXPO EXHIBITORS as of July 2007

• Auerbach Publications - Taylor & Francis Group, LLC
• Cambridge University Press
• Elsevier, Inc.
• Institute for Information Industry, Taiwan (Conference Patron)
• NIKSUN
• Now Publishers, Inc.
• OPNET Technologies
• Springer
• Telcordia (Conference Patron)
• University of Maryland - Engineering
• Wiley Blackwell

IEEE GLOBECOM

> GENERAL SYMPOSIUM
17 Sessions
100+ Technical Presentations

> 9 TECHNICAL SYMPOSIA
164 Sessions
900+ Technical Presentations

> 50th ANNIVERSARY CELEBRATION
IEEE GLOBECOM Panel
Trivia Contest with prizes

> EntNet @ IEEE GLOBECOM
Keynote address
8 Panel Sessions & 2 Tutorials

BY 31 OCTOBER AND SAVE!

“The IEEE Newsletter” – November 2007 - Page 6 NJ
NJ Power Engineering Society/Industry Applications Society
Utility Distribution Systems Technical Series
Power Capacitors & Voltage Regulators Seminar

The PES and IAS Chapters will sponsor a 3-month series of technical seminars on utility distribution systems. This second seminar will be on the topic of Power Capacitors & Voltage Regulators. The session will be held on Friday, November 16, 2007, at PSE&G’s Hadley Road Facility, 4000 Hadley Road, South Plainfield, NJ. (Please note this is a change of location from prior seminars.)

Topics

<table>
<thead>
<tr>
<th>Power Capacitors - Theory &amp; Application</th>
<th>Regulator Theory and Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>✔ Purpose of Power Capacitors</td>
<td>✔ Why voltage regulation is required</td>
</tr>
<tr>
<td>✔ Basic Theory of Power Capacitors</td>
<td>✔ Explanation of Regulator Settings</td>
</tr>
<tr>
<td>✔ Benefits of Power Capacitors</td>
<td>✔ Line Drop Compensation</td>
</tr>
<tr>
<td>✔ Power Capacitor Construction/Design</td>
<td>✔ Regulator Types</td>
</tr>
<tr>
<td>✔ Cap Bank Configurations</td>
<td>✔ Regulator application for wye and delta circuits</td>
</tr>
<tr>
<td>✔ Cap Bank Switching</td>
<td>✔ Cascading multiple Regulators</td>
</tr>
<tr>
<td>✔ Overcurrent Protection</td>
<td></td>
</tr>
<tr>
<td>✔ Overvoltage Protection</td>
<td></td>
</tr>
</tbody>
</table>

About the Instructor

Paul Pearce is a licensed Professional Engineer in the State of New Jersey. Paul has worked as a Regional Power Systems Engineer (Applications Engineer) for Cooper Power Systems for seven years. Prior to that Paul spent 9 years as a Distribution Field Engineer/Supervisor at Atlantic Electric and 1 year and 3 years as a Standards Engineer at Atlantic Electric and GPU Energy respectively.

The registration fee for this seminar prior to November 2nd will be $150 for non-IEEE members, $100 for IEEE Members, $75 for GOLD Graduates (last 1-10 years) and $25 for students with valid ID. The fee will be waived for IEEE Life Member Grades with verification at the seminar. Registrations after November 2nd must include an additional late fee of $25. The seminar fee includes lunch, refreshments and handouts. Non-members joining IEEE within 30 days of the seminar will be rebated 50% of the IEEE registration charge.

If desired, IEEE Continuing Education Units will be offered for this course - a small fee of $25 will be required for processing. A total of 0.4 CEUs will be offered. Please indicate if desired below.

Time: 9:00 AM to 2:00 PM (lunch is included), Friday, November 16, 2007.
Place: PSE&G - Hadley Road Facility, 4000 Hadley Road, South Plainfield, NJ 07080-1192
Directions: Route 287 to Exit 5
If Southbound make right onto Stelton Road; If Northbound make left onto Stelton Road
Make first left onto Hadley Road
Pass the two lights and building is on the left; look for PSE&G sign on left
Information: Ronald W. Quade, PE, (732) 205-2614 or rwquade “AT” ieee.org


Register via US mail to: Ronald W. Quade, PE
Eaton Electrical
379 Thornall St, 8th Floor
Edison, NJ 08837

Name ____________________________________________
Address __________________________________________
Phone__________________ Email __________________________________________
IEEE #_________________ Student @__________________ Non IEEE_____ Life Member_____

Continuing Education Units: Yes $25 _______No
If CEUs are chosen, please include a $25 processing fee
Payment Enclosed $_________ Add $25 late registration after November 2, 2007

Make checks payable to North Jersey Section IEEE (Credit Cards cannot be processed at this time).
Instructions for Casting Ballots
Completed ballots should be mailed to the North Jersey Section Newsletter Editor as follows:

Keith Saracinello  
IEEE North Jersey Section Newsletter Editor  
25 Messenger Ln  
Ringoes, NJ  08551

The ballot MUST be filled out completely with members name, membership number, and signature. The ballots are invalid without this information. Xerox copies of the ballot are acceptable as long as they are filled out completely. Ballots received after November 30, 2007, will not be counted.

Chairperson:  (choose one)
☐............................. Kirit Dixit  
☐...............................(write-in)__________________________

Vice Chairman-1:  (choose one)
☐........................... Amit Patel  
☐...............................(write-in)__________________________

Vice Chairman-2:  (choose one)
☐...............Dr. Sanghoon Shin  
☐...............................(write-in)__________________________

Treasurer:  (choose one)
☐.................... Pete Donegan  
☐...............................(write-in)__________________________

Secretary:  (choose one)
☐...................... Russell Pepe  
☐...............................(write-in)__________________________

Members-At-Large:  (choose three)
☐...............Katherine Duncan  
☐...............................(write-in)__________________________

Member Name________________________________ Member No. ____________
Signature ____________________________ Date ____________________