



The IEEE

# Newsletter

PUBLICATION OF THE NORTH JERSEY SECTION OF THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS

## 1998 North Jersey Awards Reception

**PHOTO #1**

Mel Lewis, Section Chair and Lou Luceri, Region 1 Director welcome guests.

Region 1 and RAB Award recipients Wilhelm Schmidt, Amy Galarowicz, Rodney Cole and Alan Stolpen meet with Region 1 Director Lou Luceri and Mel Lewis, Section Chair. Wilhelm and Alan were recognized for their dedicated volunteer service to IEEE members while Rodney received the Alex Gruenwald PACE Award for organizing the Section's professional activity program. Amy was recognized for her outstanding contributions in developing the Section's GOLD – Graduates of the Last Decade - program.

**PHOTO #4**

**PHOTO #3**

Lou Luceri and Mel Lewis congratulate new Fellows Lou Lanzerotti, Young-Kai Chen, and Fred Katzmann

New Fellows (L to R) Lou Lanzerotti, Young-Kai Chen and Fred Katzmann gather for a group photo.

**PHOTO #2**

**AUGUST 1998**

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### NEWSLETTER STAFF

Editor ..... Theresa Saracinello  
Business Manager ..... Keith Saracinello

**Deadline for receipt of material** is the 1st of the month preceding the month of publication. All communications concerning editorial and business matters, including advertising, should be sent to the Business Manager via e-mail at [k.saracinello@ieee.org](mailto:k.saracinello@ieee.org) or to *The IEEE Newsletter*, c/o Keith Saracinello, 96 Everett Rd, Parsippany, NJ 07054-3164, (973) 515-8829.

### IEEE NJ SECTION HOME PAGE

<http://megahertz.njit.edu/~ieeenj>

### IEEE NJ SECTION NEWSLETTER HOME PAGE

<http://www.ece.stevens-tech.edu/~nar/inews>

### REPORT ADDRESS CHANGES TO:

IEEE Service Center, 445 Hoes Lane, P.O. Box 1331, Piscataway, NJ 08855-1331, (732) 981-0060. It is not necessary to inform the North Jersey Section when you change your mailing address. "The IEEE Newsletter" and other section mailings use a list provided by IEEE's national headquarters.

### SECTION OFFICERS

Chairman..... Melvin Lewis  
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(973) 744-7340  
Vice-Chairman-2 ..... Dr. Chandra Gupta  
(973) 633-4469  
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### Members-at-Large:

Amy Galarowicz (201) 818-3740  
a.galarowicz@ieee.org  
Dr. Timothy Chang  
Dr. Nirwan Ansari

**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 call Secretary Keith Saracinello (973) 515-8829.**

## Newsletter Editor/ Publisher Wanted

The North Jersey Section seeks a new editor/publisher for its newsletter ASAP.

### Pre-requisites include:

- Extremely reliable IEEE North Jersey Section member
- In-depth knowledge of Microsoft Word (preferred) or desktop publishing software
- Good organizational, proof-reading, and communication skills

### Responsibilities include:

- Attending monthly Executive Committee meetings to report newsletter status and collect new material
- Handling all newsletter related correspondence including advertising inquiries
- Collecting, proof-reading and formatting material for monthly newsletter 11 months out of the year
- Creating and tracking newsletter related invoices
- Preparing annual budget
- Preparing annual newsletter distribution summary report

This position requires approximately 20 hours per month. Compensation is provided. The current newsletter editor/publisher is willing to continue as a advisor to assist in orienting the new editor/publisher. If interested, please contact Keith Saracinello at [k.saracinello@ieee.org](mailto:k.saracinello@ieee.org) or (973) 515-8829 (leave message).

## It's Summer Time

Relax and use some of your free time to advance to Senior member grade. To get information and an application, contact Don Weinstein, Kulite Semiconductor, One Willow Tree Road, Leonia, NJ 07605-2239, (201) 461-0900 or Amy Galarowicz, Glatt Air Techniques Inc., 20 Spear Road, Ramsey, NJ 07446-1288, (201) 818-3740, FAX (201) 825-0389, e-mail: [a.galarowicz@ieee.org](mailto:a.galarowicz@ieee.org).

## Section Education Committee Chair Wanted

The North Jersey Section seeks a new chair for its education committee by January 1, 1999. The education committee currently provides courses for professional development while generating more local income than any other section activity.

The responsibilities of the education committee which may be delegated among its members include the following:

- Selecting courses to be offered
- Recruiting and supervising instructors
- Reviewing and approving course policies and outlines
- Obtaining facilities in which courses are presented
- Setting and reviewing tuition rates
- Scheduling courses
- Preparing and placing advertisements of courses
- Maintaining education committee information telephone line
- Registering students
- Preparing and mailing acceptance notices and directions to course locations
- Selecting, purchasing and distributing text books
- Preparing and distributing certificates of completion and evaluation forms
- Preparing annual budget

The current chair is assuming new administrative responsibilities in the section, but is willing to continue as a member of the committee to assist in orienting the new chair. If interested, please contact:

Dr. Frederick D. Chichester, Chair  
IEEE North Jersey Sect. Educ. Comm.  
56 Gordonhurst Ave  
Upper Montclair, NJ 07043  
Telephone: (973) 744-3065

## North Jersey Section Activities

### August 1998

**Aug. 5**—"NJ Section Executive Committee Meeting" – 7:00 PM, ITT, 100 Kingsland Road, Clifton, NJ. Keith Saracinello (973) 515-8829 or k.saracinello@ieee.org.

#### Upcoming Meetings

**Sept. 2**—"NJ Section Executive Committee Meeting" – 7:00 PM, ITT, 100 Kingsland Road, Clifton, NJ. Keith Saracinello (973) 515-8829 or k.saracinello@ieee.org.

**Sept. 8**—"1998 MTT/AP Symposium and Mini-Show" – MTT-S/AP-S Chapter, 1:00-7:00 PM, Hanover Marriott, Whippany, NJ, Dr. Chandra Gupta (973) 633-4469 (GEC-Marconi).

**Sept. 22-Dec. 15**—"Visual Basic 5.0" – North Jersey Section, Tuesday Evenings, 6:30-9:00PM, GEC-Marconi, Plant 11, 164 Totowa Rd, Totowa, NJ. Dr. Fred Chichester (973) 744-3065 (leave message) or Art Greenberg (973) 492-1207 (for course content questions only).

**Sept. ?**—"Wireless and Satellite Communication for the 21st Century" – MTT-S/AP-S Chapter, (see upcoming September Newsletter or <http://megahertz.njit.edu/~ieeenj> for time, speaker and location), Dr. Chandra Gupta (973) 633-4469 (GEC-Marconi).

## Members and Non-Members Welcome

# PLEASE POST

THE INSTITUTE OF ELECTRICAL AND ELECTRONIC ENGINEERS, INC.  
NORTH JERSEY SECTION  
MTT-S/AP-S CHAPTER  
Present

### 14<sup>TH</sup> ANNUAL SYMPOSIUM AND MINI-SHOW

Lectures and Booth Exhibits

### FOCUS: MICROWAVES IN WIRELESS AND SATELLITE COMMUNICATION IN THE 21<sup>ST</sup> CENTURY

Tuesday, September 8, 1998. At Hanover Marriott, Whippany, NJ.

SCHEDULE OF EVENTS  
1:00 PM to 7:00 PM Mini-Show  
2:00 PM to 6:30 PM TECHNICAL SESSIONS ON  
Wireless & Satellite Communication  
Antennas and Microwave Components  
Microwave Manufacturing

7:15 PM to 8:15 PM DINNER attendees of MINI-SHOW

ALL WELCOME!

There is no charge to attend the show and the lectures but reservations are required for both the symposium and optional dinner. Dinner including salad, entrée, dessert, coffee and tips for IEEE members \$25, and non-members \$30. Send your check, made out to "IEEE North Jersey Section", to Chandra Gupta, 15 Lake Train East, Wayne, NJ 07470.

For more information, reservations, directions or questions, call: Dr. C. Gupta, GEC-Marconi (973) 633-4469, Professor C. Nehra, Stevens Institute of Technology (201) 488-2072, Professor E. Niver, New Jersey Institute of Technology (973) 596-3542, Willie Schmidt (973) 492-0371, G. Silberman, Philips Consumer Electronics (732) 743-7890.

# IEEE North Jersey Section Seminar

on

## VISUAL BASIC 5.0

*Tuesday Evenings, September 22 – December 15, 1998*

*GEC Marconi*

*Plant 11, 164 Totowa Road, Totowa, NJ*

The IEEE is offering an evening course entitled "Visual BASIC 5.0." This comprehensive course is intended for programmers migrating from procedural languages to "Visual BASIC." Prerequisites for the course are a familiarity with Windows 95, knowledge of a procedural language, such as BASIC or C, and programming concepts, access to Microsoft Visual BASIC as well as Microsoft Windows 95. Upon completion, students will understand event driven programming; standard control objects and their associated properties, methods and events; have the ability to design application solutions. The course will run for 12 weeks. Each session will run for 2 ½ hours with a short break approximately in the middle. A textbook with CD ROM and all text materials required will be provided.

### TOPICS

1. Introduction to Visual BASIC; Naming conventions; Creating a Graphical User Interface (GUI); Properties, Events and Methods for forms, Text Boxes, Command buttons and labels; Event procedures; Variable declarations; Environment options; Saving programs.
2. Scope: Code modules; variables and constants; Built-in functions; Expressions and statements; Finite and dynamic arrays; Static variables; Procedures and functions; passing data by reference or value; Program flow constructs.
3. Debug tools; Properties, events and methods for lines, shapes, check boxes, option buttons, frames, picture boxes and images; Toolbar; Status bar; Z Order; Control arrays.
4. Properties; events and methods for list boxes and combo boxes.
5. Properties, events and methods for horizontal/vertical scroll bars and timers.
6. Multiple form projects; Error trapping and handling.
7. Data manager and the data control; Data-aware controls; Grid control.
8. Multiple Document Interface (MDI) Forms; Menu design.
9. Keyboard events; Dynamic Link Libraries (DLL).
10. Clipboard; Shell function; Dynamic Data Exchange (DDE).
11. Object Linking and Embedding (OLE), OLE automation.

Class size will be limited to a maximum of 25 with a minimum of 15. Early application is recommended. Telephone reservations will NOT be accepted. Applications postmarked after September 2<sup>nd</sup> will require an additional late fee of \$25. No application will be accepted after September 7<sup>th</sup>.

**WHERE:** GEC-Marconi, Plant 11, 164 Totowa Rd, Totowa NJ.

**WHEN:** Tuesdays, September 22 through December 15, 1998, 6:30-9:00 PM (no class September 29<sup>th</sup>).

**COST:** IEEE members \$245; Non-members \$360. Text book included.

**CONTACT:** Dr. Fred Chichester (973) 744-3065 (leave message) or Art Greenberg (973) 492-1207 (for course content questions only).

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### REGISTRATION: VISUAL BASIC 5.0

To: Mr. Naz Simonelli, 68 Woodmont Drive, Randolph, NJ 07869-3740

Name: \_\_\_\_\_

☐ Nonmember

☐ IEEE member      Member #: \_\_\_\_\_      Member of \_\_\_\_\_ technical society

Employer: \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_

Home Address: \_\_\_\_\_  
\_\_\_\_\_

Business (day) telephone #: \_\_\_\_\_      Home telephone #: \_\_\_\_\_

Please enclose required fee payable to: **North Jersey Section IEEE**

Registration status will be mailed after Sept. 9, 1998. Phone inquiries concerning registration will NOT be honored. In general, the effective date of the application corresponds to the date when BOTH a fully completed application & payment are received.

☐ Tuition receipt will be mailed only if this box is checked      Signature: \_\_\_\_\_