



The IEEE

# Newsletter

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

*Metro EMBS:*

## Approaches To The Study Of Chromatin

On March 14, 1990, the IEEE Metropolitan Section Engineering in Medicine and Biology Society, will present a program on "Detection Of Proteins And Nucleic Acids With Chemiluminescence." The speakers will be Irena Bronstein, PhD., of Tropix Inc., and Thelma Chen, PhD.

### About The Talk

The talk will cover techniques and new approaches to the study of Chromatin structure and function. Tropix has developed several adamantyl-stabilized 1,2-dioxetanes as enzyme substrates for use in high-sensitivity chemiluminescence-based analyte detection systems. The ability to detect very low concentrations of proteins and nucleic acids is critical to many applications in biotechnology.

### About The Speakers

Dr. Irena Bronstein is the Founder, Chairman and Chief Scientific Officer of Tropix, Inc., in Bedford, Massachusetts. Tropix, Inc., a chemistry company, was incorporated in 1986 to meet the market's need for increased sensitivity and ease-of-use in the detection of proteins, nucleic acids and other substances.

Thelma Chen, PhD., is Molecular Biology Researcher at Rockefeller University.

Informal get-together prior to meeting at 6:30 PM, Tower Bldg., Cafeteria Machine Area, First Floor, Rockefeller University. Lecture starts at 7:30 PM.

**Time:** 7:30 PM, Wednesday, March 14, 1990.

**Place:** Rockefeller University, Room 305, Tower Bldg., York Ave., (Entrance at 66th St. Gate), NYC. Parking Available.

**Further Information:** Joe Bogovic (212) 241-8032; Edna Feher (212) 757-0610; Robert Heyman (914) 357-1230.

## Electrical/Electronic Device Failures

The New York, Long Island and North Jersey joint Instrumentation and Measurement Society will meet on March 13, 1990. The topic at this meeting will be "Why Do Electrical/Electronic Devices Fail?" The speaker will be Dr. Andy Blanck.

### About The Speaker

Dr. Blanck is an authority in this field, well known internationally for his many contributions. He is a consultant to industry and government and founded Rutherford Research which offers its laboratories for research and development and testing. Rutherford Research markets test equipment, test cells, test systems and installations here and abroad. Dr. Blanck is the author of many papers and has been active professionally on numerous technical society committees including ASTM, IEEE, NEMA, SPE, SPI, IPC....and in the

organization of major symposia and conferences including the well known Electrical Insulation Conferences. His broad knowledge and experience from raw material to consumer and industrial products, in the power and utility industries, in military, defense, missile, aircraft, and aerospace design, meld together in a management perspective to enhance profitability and sales growth.

At the May 22nd I&M Society meeting the speaker will be Dr. Ulric H. Rohde of Compact Software, Inc., Paterson, N.J. See April issue of the Newsletter for details.

### Pre-Meeting Buffet

There will be a hot buffet commencing at 6:15 PM on a first-come-first-served basis.

**Time:** 7:00 PM, Tuesday, March 13, 1990. (Buffet starting 6:15 PM.)

**Place:** ITT, Tower Auditorium, 500 Washington Ave., Nutley, N.J.

**Further Information:** George D. Gaul, Chairman I&M (201) 798-4403.



At the Annual North Jersey Section Executive Committee Workshop December 6, 1989, Howard Leach, (at right) Chairman presented an IEEE Recognition plaque to Richard F. Tax, PACE Chairman, for organizing and presenting the High Tech Recruitment Index at the Region 1 Careers Conference.

**MARCH, 1990**

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### NEWSLETTER STAFF

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It is not necessary to inform the North Jersey Section when you change your mailing address. The NEWSLETTER and other section mailings use a list provided by IEEE's national headquarters in New York. This means the Section has no need to maintain a mailing list or addressing plates. Section membership records are changed when Headquarters notifies us.

### SECTION OFFICERS

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**The North Jersey Section Executive Committee meets the first Wednesday (except holidays and December) of each month at 7 PM. These meetings (held at ITT, 500 Washington Ave., Nutley, N.J.) are open to all members. Information on each meeting agenda is available from David A. Dietsche, Section Secretary at (201) 579-1610.**

**Elected Section Officers are listed above.**

NY/NJ-EMS:

## Unified Market Goal Of European Community

The New York/New Jersey IEEE Engineering Management Society will meet on March 20, 1990 to hear a discussion on "Keeping Abreast Of The Happenings In Europe" a subject which should be of major interest to engineers in the United States. The speaker will be Deborah Flathery Kiser, International Market Planning Manager with AT&T International.

### About The Talk

The European Community has made significant progress toward achieving a goal it set for itself some thirty years ago, i.e. a unified European market without national borders or barriers to the movement of goods, services, capital and people. In the most significant policy initiative since the formation of the Community, the twelve member states have committed themselves to the goal of creating a truly single market by the end of 1992. This unified market will contain some 320 million people, hardly a market that can be ignored by companies in the United States. Ms. Kiser will discuss what provided the impetus for the 1992 program, what the program entails and how it has progressed, and how United States businesses can prepare for 1992.

### About The Speaker

Deborah Kiser received her BA from Regis College, a MS in Technical Writing from RPI and a MBA in International Business/Marketing from NYU. She has published many articles on technical communications and presentations development, and is the coauthor of the *COMMUGUIDE* on presentations.

**Time:** 7:00 PM, Tuesday, March 20, 1990.

**Place:** ITT Auditorium, 500 Washington Ave., Nutley, NJ.

**Further Information:** Al Bottani (201) 265-7797; Deborah Kezsbom (201) 871-1640.

## NY/NJ-EMS: Calendar

**April 24, 1990—"Time Management"** joint meeting with the Stevens Institute Chapter of the American Society for Engineering Management. Meeting at Stevens Institute, Hoboken, N.J.

**May 15—**Joint meeting with the Program Management Institute.

**June 19—**To be announced.

**Sept. 18—**Dr. Deborah Kezsbom will speak on "The Engineer As A Manager."

**Oct. 23, Nov. 20—**To be announced.

The Engineering Management Society is still looking for volunteers to help in the running of the Society. Increase your industry contacts by becoming involved. Those interested should call Al Bottani on (201) 265-7797 or Deborah Kezsbom on (201) 871-1640. DO IT NOW!

NJ PACE:

## Small Business Seminar

The North Jersey Section's Professional Activities Committee for Engineers will meet on Thursday, March 8, 1990. The topic will be "Small Business Seminar: How To Set-Up And Run A Small Business." The program will be presented by a team of volunteers from SCORE.

### About The Program

The program will address four major topics of concern to anyone interested in establishing and running a Small Business.

**RESEARCH AND MARKETING** - The importance of doing research before starting the business cannot be over emphasized. What are or will be your marketing strategies?

**BUSINESS PLANS** - What is a Business Plan and how is it structured? The Business Plan is a road map for the conduct of your business and a plan for demonstrating to a potential lender that you are qualified for a loan.

**RECORD KEEPING, TAXES AND LEGAL STRUCTURE** - The importance of keeping the right business records in a timely fashion. These records will then show growth trends so that corrections can be quickly effected. They will also provide the good base for preparing the necessary Tax returns at a minimum cost. The advantages and disadvantages of the Sole Proprietor, Partnership and Corporations. What is the "S" corporation?

**FINANCES** - What are the requirements to obtain a loan? Where can one borrow money? Where does the SBA fit in the picture.

### About The Speakers

SCORE (Service Corps of Retired Executives), is a volunteer counseling service associated with the Small Business Administration (SBA) providing assistance in solving the problems of existing small businesses and in providing guidance to those contemplating a small business start-up. The seminar will be presented in four parts by counselors having experience in those areas.

All IEEE members and guests are invited to attend. Refreshments will be served.

**Time:** 7:30 PM, Thursday, March 8, 1990.  
**Place:** ITT Auditorium, 500 Washington Avenue, Nutley, N.J.

**Further Information:** Robert Sinusas (201) 228-3941 or Michael Alterman (201) 627-8362.