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The IEEE

Newsletter

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

JANUARY, 1984 Volume 30, Number 7

Publication No: USPS 580-500
"The IEEE Newsletter" is published monthly except June by the North Jersey Section of The Institute of Electrical and Electronics Engineers, Inc., a nonprofit scientific society dedicated to the advancement of electrical and electronic engineering and the allied arts and sciences. Headquarters: 345 E. 47 Street, New York, N.Y. 10017. Sent automatically and without additional cost to each member of the North Jersey Section. Printed in U.S.A. Second-class postage paid at New York, N.Y. and at additional mailing offices.

NEWSLETTER STAFF Editor M. M. Perugini Managing Editor B. Blair Business Manager A. M. Beattie

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 addressed to: The Newsletter, c/o Girard Associates, Inc., 6 Robert Terrace, Mt. Arlington, N.J. 07856. (201) 398-5524.

Subscription: \$0.75 per year through dues for members: \$1.50 per year for non-members.

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Quota Based Cost Reduction

The January 24, 1984 meeting of the Engineering Management Society's New York/New Jersey Chapter will hear Glen W. Bodinson discuss "Quota Based Cost Reduction Programs."

About The Speaker

Mr. Glen Bodinson is Engineering Planning Development Manager for the Western Electric Company. Mr. Bodinson has held this position since April, 1982. Prior to this latest assignment, Mr. Bodinson held positions in quality assurance, quality control and material and accounts management. Mr. Bodinson has a BS from Purdue University; MBA from Michigan State University and is a Senior Member of the American Institute of Industrial Engineers.

Time: 7:30 PM, Tuesday, January 24, 1984.

Place: Willkie Memorial Building, 20 W. 40th Street. NYC.

Pre-Meeting Dinner: Swiss Bear Restaurant, 20 East 41st St., NYC.

Further Information And Dinner Reser-

vations: Al Bottani (212) 393-3797; Barry Gourary (201) 783-5570; Harry Stokes (914) 696-6775.

Princeton Plasma Physics Lab Tour

The North Jersey chapter of the Power Engineering Society will sponsor a tour on February 2, 1984 of the Princeton Plasma Physics Laboratory.

The tour will be conducted by a member of the research staff working on the project. The meeting will consist of a historical update on Fusion energy, followed by a tour of the existing facilities, including the TFTR and PLT. The evening will finish with a question and answer period.

The tour will be limited to 40 people and RESERVATIONS ARE REQUIRED.

Time: 7:30 PM, Thursday, February 2, 1984.

Place: Princeton Plasma Physics Labs, James Forrestal Campus, Plainsboro, N.J. Reservations & Directions: Ed Griffith, JCP&L Co., (201) 455-8313; John Pawlo, JCP&L Co., (201) 989-2239.

SECTION BANQUET--

Wednesday, April 11th is the date of the North Jersey Section's Annual Banquet. In addition to honoring new IEEE Fellows and Awards Recipients, this years affair will feature the presentation of 13 IEEE Centennial Medals to North Jersey Section members for their contributions to the IEEE.

Watch for additional details and reservation forms in the next issue.

Modern Microwave Measurements

The North Jersey MTT/AP Chapter will host a Tri-Section meeting February 22, 1984. This joint presentation of the North Jersey, Princeton and Jersey Coast chapters of the MTT/AP will feature Dr. Stephen Adam of Hewlett-Packard, MTT National Lecturer for 1983/84. Dr. Adam will cover "Modern Microwave Measurements."

The meeting will be held at ITT Avionics in Nutley, N.J. It is anticipated that a free pre-meeting buffet will be hosted by the MTT prior to this meeting and that local electronic representatives will present a mini show, also just prior to the meeting. ADDITIONAL DETAILS NEXT MONTH. About The Talk

The use of digital computers have changed/improved Microwave Measurement accuracies and speeds manifold in the late sixties and were applied more broadly during the seventies. On-board microprocessors are now being designed into measurement systems providing even more flexibility and accuracy enhancements.

Automatic Spectrum Analyzers do a multitude of sophisticated measurements from simple modulation analysis through phase noise measurements. Network Analyzers also expected to go through further improvements with a number of on-board performance enhancements.

A number of measurement techniques will be discussed dealing with power, frequency, noise and scattering parameters.

About The Speaker

Stephen F. Adam is a native of Hungary. He holds BS and MS degrees in Mechanical Engineering, MS and Ph.D. Degrees in electrical engineering, (1952, 1955 and 1965 respectively) and a California Teaching Life Credential. Dr. Adam is involved in microwave research and development since 1952. He is with Hewlett Packard Company in various R & D and engineering management positions since 1957. Presently he is Principal Microwave Engineer of the Microwave and Communications Group.

Dr. Adam is a Fellow of the Institute of Electrical and Electronics Engineers, was 1980 President of the Microwave Theory and Techniques Society of IEEE; Administrative Committee member since 1973; Member of the Fellow Awards Com-



mittee; 1983/84 IEEE/MTT-S Distinguished Microwave Lecturer, Past Chairman of the Standards Coordinating Committee. Technical Program Committee Chairman and Member since 1973. Member of the Transnational Relations Committee of the Technical Activities Board. Guest editor to the IEEE Transactions of Microwave Theory and Techniques. Chairman of the Morris E. Leeds Award subcommittee, member of the Instrumentation and Measurements Society Awards Committee. Member of the Association of Old Crows. Former member of the Executive Committee of the Conference on Precision Electromagnetic Measurements. Past Secretariat to the International Electrotechnical Commission, Technical Committee 66/WG-5, dealing with Microwave Measurements.

Dr. Adam is the author of the book: "Microwave Theory and Applications" Prentice Hall 1969. Has 3 patents in the microwave field, two more pending. Is the author of many articles dealing with microwave measurements and related subjects.

The March, 1984 meeting of the North Jersey MTT/AP will feature Mr. Don Ball of Hughes Aircraft, who will discuss millimeter systems and components. The specific date and place will be announced next month.

To Cover Decentralized Processing At Meet

Lawrence M. Pinsky will explain the decision process used by a corporation to determine the validity of decentralized processing at the January 25th meeting of the Joint Computer and Communications Chapter of the North Jersey Section of the IEEE.

About The Talk

Decentralized computing involves a careful analysis of hardware, labor and telecommunications trends and costs. Often times the least emphasized issues, organizational factors and human nature are overlooked in evaluating the choice between centralized and decentralized computer processing. Management therefore must take into account all of the technical, financial, and organizational implications in the decision-making process.

About The Speaker

Mr. Lawrence M. Pinsky is Senior Vice President of Manufacturers Hanover Leasing Corporation and Director of Information Services Division. He holds Masters degrees in Computer Science and Business Finance and is also an Adjunct Professor of Finance at Adelphi University. Mr. Pinsky has been instrumental in both MHLC's development of Corporate Data Processing Systems and its interactive architecture.

Time: 7:30 PM, Wednesday, January 25,

Place: Jersey Central Power and Light Company, Madison Avenue (Rt 24), at Punch Bowl Road, Morristown, N.J. For Further Information: Fred Smith (212) 286-6906.

PACE Sets Meeting Dates

The North Jersey Section Professional Activities Committee will sponsor its regular monthly meeting the third Wednesday of every month. Meetings will be held from 7:30 PM to 9:30 PM at Singer-Kearfott, Plant 3, 1250 McBride Avenue, Little Falls, N.J.

These meetings are open to all members and interested public professionals with refreshments free of charge.

Further Information: M. McLarin (201) 335-6847; H. Waters, (201) 785-6417.

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BASIC Course

The North Jersey Section is offering an evening course titled "Programming in the Language BASIC" starting January 10, 1984. (See November & December, 1983 issues for details).

The course is designed for professional personnel and will deal with BASIC primarily as it is implemented in the Microsoft version; by far the most popular and the "de-facto" standard in the microcomputer industry. Other versions will be considered,

however, and some attention will be given to many of their differences and their impact on the user.

The eight sessions course will be held Tuesday nights, starting January 10, 1984 from 6:45 to 9:15 PM at JCP&L, Madison Avenue & Punch Bowl Rd., (Rte. 24), Morristown, N.J.

Cost for Members is \$24.00; Non-Members \$85.00.

For additional information call Mr. F.J. Koblenz at (201) 344-0202 (Business), or Mr. Arnold Mercer (201) 684-1400 (Business).

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