Meet Your New Jersey Engineering Career Associates Team

The specialized placement firm staffed by engineering professionals

If your field is engineering — or you’re responsible for hiring engineering people — get to know your local Engineering Career Associates team.

Engineering Career Associates is a leading national placement firm that specializes, exclusively in the engineering professions. Each of our staff members has had extensive work experience in the field prior to joining the firm. With this experience, we can gain an in-depth understanding of your particular goals and provide the expert counsel and guidance you deserve.

If you’re planning a career change — or are seeking to employ capable engineering talent — call your team of professionals at Engineering Career Associates this week in confidence.

Jim Beauchamp is Director of the New Jersey office. He holds an MBA from American University and a BSEE Degree from Johns Hopkins University. Prior to joining Engineering Career Associates, Jim was Account Executive, Federal Programs for Amadahl Corporation. Earlier, he was Senior Account Manager for IBM and Field Engineer with Leeds and Northrop Company.

Ed Kaiserian is Associate Director of the New Jersey office. He holds a BS Degree in Mechanical Engineering from Drexel University. Prior to joining Engineering Career Associates, Ed served as Project Manager for Orbis Corporation. Earlier, he served as Field Engineer/Supervisor with Bethlehem Steel Corporation and Manufacturing Engineer with Westinghouse.

Walt Talbot is Associate Director of the New Jersey office. He holds an MBA from Fairleigh Dickinson University and a BS Degree in Mechanical Engineering from Lehigh University. Prior to joining Engineering Career Associates, Walt served as Sales Manager for Ingersoll-Rand. Earlier, he served as Engineering Product Specialist for Atlas Copco.

Call Engineering Career Associates this week

1044 Route 23
Suite 208
Wayne, New Jersey 07470
201/982-7220
Consultants — Licensed Employment Agents

The IEEE Newsletter

Publication No: USPS 150-500

"The IEEE Newsletter" is published monthly except June by the New 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 without additional cost to each member of the New Jersey Section. Indexed in U.S. Second-class postage paid at New York, N.Y. and at additional mailing offices.

NEWSLETTER STAFF
Editor .................. M.M. Prendy
Business Manager ........... A.M. Stortz

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, E. J. Gritsch Associates, Inc., 6 Robert Terrace, Mt. Arlington, N.J. 07856. (201) 396-5524.

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

REPORT ALL ADDRESS CHANGES TO:
IEEE Service Center
445 Hoes Lane
Piscataway, N.J. 08854
(201) 981-0066

It is not necessary to inform the New 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 subscribes lists. Section membership records are changed when Headquarters notifies us.

SECTION OFFICERS
Chairman .......... Eugene Nambo 339-4398
Vice Chairman-1 .... Richard Yee 351-9075
Vice Chairman-2 .... John Van Savo 544-0343
Treasurer .......... Charles Cournoyer 656-8467
Secretary .......... Robert Wyzanski 203-3474
Member-at-Large ... Richard Allem 689-6921
Member-at-Large ... Frank Kuhl
Member-at-Large ... Howard Laugh Jr. Fast Chairman ... Anne Grieff

All Pass Sections:
Filter Building Blocks

As an IEEE Centennial event, the New Jersey Chapter of the Systems, Man and Cybernetics (SMC) Society is joining the New Jersey Coast Chapter of the Circuits and Systems/Control Society and the Princeton Chapter of the Circuits and Systems Society in presenting a December 6, 1984 talk on "All Pass Section As Building Blocks For Digital And Switched Capacitance Filters" by Distinguished CAS Society Lecturer Professor Bede Lu of Princeton University.

About The Talk
This talk:
(1) Describes a recursive digital filter structure using all pass sections that are suitable for realizing high Q filters,
(2) Discusses the design problem,
(3) Shows these filters are computation-efficient, and have low passband sensibility and low quantization noise,
(4) Illustrates their use in decimation and interpolation,
(5) Repeats the above for switch capacitance filters,

About The Speaker—
Bede Lu (S '56, M '62, F '72), is a Professor of Electrical Engineering and Computer Science at Princeton University. Born in Shanghai, China, he holds a BSEE (1964) degree from the National Taiwan University, and a MEE (1966) degree and DEE (1963) degree from the Polytechnic Institute of Brooklyn. Prior to joining the Princeton Faculty in 1962, he had been with Bell Laboratories, Allen B. DuMont Laboratory, and Western Electric Company. During 1970-71, he was a Visiting Professor at the National Taiwan University and at the University of California at Berkeley. He is currently an Advisory Professor in the Electronic Engineering Department of Shanghai Jiao Tong University.


He edited the research volume "Digital Filters and the Fast Fourier Transform" (DHR, 1975) and coauthored the senior level textbook "Digital Signal Processing: theory, design, and implementation" (Wiley, 1985).

Place: Morcom College, Woodrow Wilson Hall, Room 208, West Long Branch, N.J.
After Meeting Dinner: 7:30 PM, Square's Pub, West Long Branch. For Dinner Reservation call Ben Aghari (201) 981-3528, Shah Shokouhi (201) 949-1483, Paul Fincher (201) 949-0668, David Daut (201) 932-4280.
Managing New Ventures In A Corporation

“Managing New Ventures In A Corporation” is the title of the January 29, 1985 meeting of the New York/North Jersey Chapter of the IEEE Engineering Management Society. Ariadnes C. Frontistas will be the speaker.

About The Talk
Corporate ventures provide a path for the development of strategically important new business opportunities. Factors for the success of such ventures include strong customer orientation, high product quality, and simultaneous low-cost tight-control. The new AT&T is committed to the successful development of its new ventures.

A.C. Frontistas is Venture Technologies Manager at AT&T Technologies Inc. He has been with Bell Laboratories since 1981. Previously, he worked for Stanford University, IBM Corp., and Grundig GmbH. He received his BSEE from Cairo University, his MS from Columbia University and his PhD from Stanford University.

Membership in the IEEE or the Engineering Management Society is not pre-requisite for attendance at the lecture or the dinner.

Time: 7:30 PM, Tuesday, January 29, 1985.
Place: ITT Auditorium, 500 Washington Ave., Nutley, N.J.
Further Information and Pre-Meeting Dinner Reservations: Marty Izak (212) 397-7438, Barry Gourary (212) 783-5570, Vern Casper (914) 666-3353.

NJIT Students Thank AT&T
The New Jersey Institute of Technology Student Section would like to express their sincere thanks and appreciation to AT&T and Mr. Larry Reiner of the Consumer Products Division for their generous donation of the new AT&T model 4000, 1200 BAUD computer modem.

The 1200 BAUD rate, along with the built-in functions of the model 4000 have provided ease of operation with much improved access and efficiency.

The donation of the new modem came as a result of the request made by the NJIT Student Section in the September, 1984 Newsletter. The request was made for help with the overloaded computer system at NJIT.

The modem is currently being used in conjunction with an ADM-5 terminal which was previously donated by the North Jersey Section.