



SAN FERNANDO VALLEY ENGINEERS' COUNCIL  
SAN FERNANDO VALLEY, CALIFORNIA

**OBSERVING NATIONAL ENGINEERS' WEEK**

FEBRUARY 19-25, 1984

NATIONAL ENGINEERS' WEEK THEME

"ENGINEERS – PARTNERS FOR PROGRESS"

**HONOR AWARDS BANQUET DANCE**

SATURDAY NIGHT, FEBRUARY 25, 1984



— Distinguished Keynote Speaker —

JAMES R. BERRETT, PRESIDENT AND  
CHIEF EXECUTIVE OFFICER

COMPUTERVISION CORPORATION  
BEDFORD, MASSACHUSETTS

INTERNATIONALLY RECOGNIZED ENGINEER  
AND EXECUTIVE



**ENGINEERING AWARDS PRESENTATIONS . . .**

- ENGINEER OF THE YEAR SAN FERNANDO VALLEY
- ENGINEERING ACHIEVEMENT AWARDS
- ENGINEERING MERIT AWARDS

THE ODYSSEY  
15600 Midwood Drive  
Mission Hills, California

"Overlooking the San Fernando Valley"



DANCE WITH  
THE COUNCIL SWING-INEERS

THE BIG BAND SOUND THAT YOU WILL ENJOY!

7:00 PM COCKTAILS – 7:45 PM DINNER – AWARDS – 9:45 PM DANCE  
UNTIL MIDNIGHT



THE WHITE HOUSE  
WASHINGTON

NATIONAL ENGINEERS WEEK  
February 19 - 25, 1984

I am delighted to send my greeting to all members of the engineering profession as well as all members and officers of the San Fernando Valley Engineers' Council as you celebrate your 29th annual National Engineers' Week. This is a celebration in which all Americans should join in appreciation of the great contributions of engineers to our society.

This annual event presents an opportunity to reflect on the tremendous contributions engineers have made to American progress. All our citizens acknowledge the critical role engineers have played in maintaining our technological excellence through the years.

The decade ahead will be marked by growing competition in science and technology among the nations of the world. How well we respond to this challenge will affect both our national security and our economic progress. We know that our industrial base and research institutions are unmatched anywhere else in the world. We look to the engineering community, operating through the American free enterprise system that gave birth to the modern technological era, to utilize this nation's unique resources to create new industries and to strengthen old ones.

At the same time, I urge all of you to recognize the great importance of education, especially in science and technology, to our future. Each of us must do all we can to encourage excellence in education.

In commemoration of this special week, I want to extend my best wishes for a bright future to engineers across America.

*Ronald Reagan*

CELEBRATING OUR 29th ANNIVERSARY  
**SAN FERNANDO VALLEY  
ENGINEERS' COUNCIL**

SAN FERNANDO VALLEY, CALIFORNIA

**Honor Awards Dinner - Dance**



- SOCIAL HOUR 6:45 PM
- WELCOME Clifford Terry, P.E., FIAE, President  
San Fernando Valley Engineers' Council  
Director, Manufacturing and Advanced Research  
HR TEXTRON, Inc.  
Valencia, California
- SALUTE TO THE FLAG 7:45 PM
- DINNER 7:45 PM
- INTRODUCTION Clifford Terry, President
- PRESENTATION ENGINEERING '84 MERIT AWARDS

Presentation in alphabetical order:

- James C. Coakley, Technical Specialist  
HR TEXTRON, Inc.  
Valencia, California  
  
"Outstanding contributions and innovative servocontrol systems on programs key to the defense of our nation as well as the safety of our astronauts."
- David C. Coe, Project Engineer  
Northrop Ventura Division  
Newbury Park, California  
  
"Outstanding contributions in project management, configuration design analysis, flight and laboratory testing of target and tactical remotely piloted vehicles."

● PRESENTATION

ENGINEERING '84 MERIT AWARDS

- Paul C. Dennies, Chief Program Engineer, Space Shuttle Main Engine Rocketdyne Division, Rockwell International Canoga Park, California  
  
"For sustained outstanding managerial and technical leadership and direction of rocket engine propulsion systems and exceptional contributions to the United States Space Program and Missile and Defense Programs."
- Joey Fairchild, Division Engineer  
Engineering Laboratories  
Lockheed California Company  
Burbank, California  
  
"For outstanding contributions and leadership in advanced vehicle systems, avionics, flight science laboratories, and research which impact our nation's future."
- Timothy William Fox, Department Head  
Mechanical and Chemical Engineering Department  
California State University Northridge  
Northridge, California  
  
"Outstanding contributions to industry, education and government programs which interface industry technology programs for the 80's and 90's."
- Frank P. Garofalow, Pacific Regional Manager  
Sandvik Inc.  
Irvine, California  
  
"Outstanding innovative contributions to advanced productivity, tooling materials, and advanced machinability data for conventional and automated systems for today and tomorrow."
- Allen C. Haggerty, Executive Vice President, Production Operations  
Hughes Helicopters, Inc.  
Culver City, California  
  
"Outstanding achievements in advanced manufacturing systems, equipment and processes which impact productivity for the 80's and 90's."

● PRESENTATION

ENGINEERING '84 MERIT AWARDS

- Richard W. Hartzler, P.E., Director  
Facilities and Industrial Engineering  
Energy Systems Group, Rockwell International  
Canoga Park, California  
  
"Outstanding achievements in facilities and industrial engineering management facilities design and construction, productivity systems and leadership in the engineering community and civic activities."
- Everette E. King, Research Engineering  
Northrop Electronics Division  
Hawthorne, California  
  
"Outstanding achievements and technology guidance in areas of nuclear hardened electronic development and testing programs and contributions to the professional engineering community."
- Joel H. Lubin, P.E., FIAE, Research Manager  
California Public Utilities Commission  
Los Angeles, California  
  
"Outstanding contributions to industry, education, government, and the legislature to resolve the conflicts of the California Board of Registration for Professional Engineers and the professional engineering community."
- Dr. Matthew Maibaum, Consultant, Private Practice  
Pacific Palisades, California  
  
"For outstanding contributions to industry, education, and government and innovative programs on human factors as related to automated systems."
- Arnold I. Meyer, P.E., FIAE, Consultant, Private Practice  
Los Angeles, California  
  
"For significant service, contributions and leadership to industry, education, government and long term contributions to the professional engineering community."
- John M. Motil, Professor of Engineering  
Department of Computer Science  
California State University Northridge  
Northridge, California  
  
"Outstanding contributions to advanced hardware and software computer programs and interface with industry education programs."

● PRESENTATION

ENGINEERING '84 MERIT AWARDS

- Tobi Ann Roffman, Director, Women in Science Programs  
California State University Northridge  
Northridge, California  
  
"Outstanding contributions and accomplishments in the development and implementation of Women in Science Programs and administration of External Degree Programs and industry interfaces."
- Norman J. Schweitzer, Manager Industrial Projects  
Computervision Corp.  
Culver City, California  
  
"For outstanding leadership and implementation of advanced CAD/CAM interactive graphics systems and contributions to the Factory of the Future concepts."
- Randall E. Scott, Chief, Offensive Avionics Branch  
Department of the Air Force  
Headquarters, 6520th Test Group (AFSC)  
Edwards Air Force Base, California  
  
"Outstanding contributions and leadership in the test and evaluation of advanced avionic systems which impact the security of the United States."
- Raymond V. Tjulander, Resident Director, Management Office  
National Aeronautics and Space Administration  
Marshall Space Flight Center  
Canoga Park, California  
  
"For outstanding management and technical leadership in directing NASA's Space Shuttle Main Engine programs, advanced facilities and manufacturing processes during test and flight programs."
- Dr. Thomas R. Waite, Member Technical Staff - Lasers  
Rocketdyne Division, Rockwell International  
Canoga Park, California  
  
"For outstanding and innovative designs, testing, and leadership in advanced optical laser programs and contributions to the community by governmental interfaces."
- Ronald I. Wolfson,  
Engineering Program Manager and Technical Director  
ITT Gilfillan  
Van Nuys, California  
  
"Outstanding contributions to the advanced development of scanned array antennas, and professional activities to education and programs which encourage young engineering students to professionalism."

● PRESENTATION - MATH COUNT PROGRAM

● PRESENTATION - HONORARY ENGINEER OF THE YEAR AWARD - 1984

James R. Berrett, President and Chief Executive Officer  
Computervision Corporation  
Bedford, Massachusetts

● PRESENTATION - EDUCATION ACHIEVEMENTS AWARD - 1984

Dr. Edmond S. Gillespie, Chairman  
Department of Electrical and Computer Engineering  
California State University Northridge  
Northridge, California

● PRESENTATION - ENGINEERING ACHIEVEMENTS AWARD - 1984

Jack L. Ferrell, Vice President and General Manager  
TRW Inc.  
Manufacturing Division, Operations and Support Group  
Redondo Beach, California

● PRESENTATION - DISTINGUISHED ENGINEERING COMMUNICATIONS AWARD - 1984

Hal Fishman, Multi-Media Commentator  
KTLA - Channel 5  
Golden West Broadcasting  
Hollywood, California

● PRESENTATION - DISTINGUISHED CONTRIBUTIONS AWARD - 1984

Deane Dana, P.E., Chairman  
Los Angeles County Board of Supervisors  
Los Angeles, California

● PRESENTATION - ENGINEERING ACHIEVEMENTS AWARD - 1984

Christopher P. Bader, P.E., FIAE, Factory Manager  
Rocketdyne Division, Rockwell International  
Canoga Park, California

● PRESENTATION - ENGINEER OF THE YEAR - SAN FERNANDO VALLEY - 1984

Dr. Malcolm R. Currie, Executive Vice President  
Hughes Aircraft Company  
El Segundo, California

● PRESENTATION - ENGINEER OF THE YEAR - SAN FERNANDO VALLEY - 1984

Presented by Charles G. Fargo, Vice President -  
Technology Plans and Programs  
North American Space Operations  
El Segundo, California  
1983 Engineer Of The Year Recipient

● PRESENTATION - PETER RECCHIA OMNI MEMORIAL AWARD - 1984

Dr. Malcolm R. Currie, Executive Vice President  
Hughes Aircraft Company  
El Segundo, California

Presented by Charles G. Fargo, Vice President -  
Technology Plans and Programs  
North American Space Operations  
El Segundo, California  
1983 Recipient

● PRESENTATION - CALIFORNIA STATE LEGISLATIVE RESOLUTION

By The Hon. Richard Katz, Assemblyman 39th District,  
San Fernando Valley, California - to

Dr. Malcolm R. Currie, Executive Vice President  
Hughes Aircraft Company  
El Segundo, California

and

James R. Berrett, President and Chief Executive Officer  
Computervision Corporation  
Bedford, Massachusetts

● KEYNOTE ADDRESS

James R. Berrett, President and Chief Executive Officer  
Computervision Corporation  
Bedford, Massachusetts

● CLOSING REMARKS - Clifford Terry, President  
San Fernando Valley Engineers' Council

● DANCING FOR THE REMAINDER OF THE EVENING

THE COUNCIL SWING-INEERS

The Big Band Sound That You Will Enjoy

PREVIOUS WINNERS OF THE SAN FERNANDO VALLEY  
ENGINEER OF THE YEAR AWARD

1959 Roy E. Marquardt, The Marquardt Corporation  
 1960 Richard Bradshaw, Consulting Structural Engineer  
 1961 Milford G. Childers, Lockheed California Company  
 1962 Paul R. Vogt, Rocketdyne  
 1963 George T. Harness, San Fernando Valley State College  
 1964 Ralph Balent, Atomics International  
 1965 Clarence L. Johnson, Lockheed California Company  
 1966 Steve J. Domokos, Rocketdyne  
 1967 James A. Broadston, Rocketdyne  
 1968 Dr. Arnold M. Levine, ITT Aerospace  
 1969 Willis M. Hawkins, Lockheed Aircraft Corporation  
 1970 Ralph A. Lamm, Bendix Electrodynamics  
 1971 Arthur A. Daush, Jr., Hughes Aircraft Company  
 1972 Dr. R. N. Ghose, American Nucleonics Corporation  
 1973 John J. Guarrera, SACOM  
 1974 Elliott A. Green, Lockheed California Company  
 1975 Mathew C. Ek, Rocketdyne  
 1976 Sam F. Iacobellis, Atomics International  
 1977 Lon L. Sanders, ITT Gilfillan  
 1978 Norman J. Ryker, Rockwell International  
 1979 Donald C. Tillman, City of Los Angeles -  
 1980 Dominick J. Sanchini, Rocketdyne  
 1981 Ben R. Rich, Lockheed California Company  
 1982 Dr. Paul B. MacCready, President, AeroVironment Inc.  
 1983 Charles G. Fargo, Rockwell International



PAST RECIPIENTS OF HONORARY ENGINEER OF THE YEAR

1970 William Lear, Chairman of the Board, Lear Motors, Reno, Nevada  
 1971 Willard F. Rockwell, Jr., Chairman of the Board, Rockwell International  
 1972 Hon. Donald R. Jackson, Deputy Assistant Secretary, U.S. Air Force  
 1973 Daniel J. Haughton, Chairman of the Board, Lockheed Aircraft Corporation  
 1974 Dr. Christopher C. Kraft, Jr., NASA, Lyndon B. Johnson Space Center  
 1975 Burt F. Raynes, Chairman of the Board, Rohr Industries  
 1976 Grant L. Hansen, V.P. & General Manager, General Dynamics, San Diego  
 1977 Aaron Cohen, Mgr., Orbitor Project, NASA, Lyndon B. Johnson Space Center  
 1978 Astronaut Dr. David R. Scott, President  
 Scott Preyss Associates, Inc., Los Angeles  
 1979 Major General James W. Stansberry, Washington, D. C.  
 1980 Elmer B. Staats, Comptroller General of the United States, Washington, D.C.  
 1981 Douglas T. Ross, Chairman of the Board, SOFTECH Inc., Waltham, Massachusetts  
 1982 Ronald Reagan, President of the United States  
 1983 Malcolm Baldrige, United States Secretary of Commerce

Clifford Terry, P.E., FIAE, President, SME, NMA, CASA  
 Roland V. Roggero, FIAE, Vice President, Treasurer, CSHE, ASHE  
 Leonard J. DiPeri, P.E., FIAE, Past President, Chairman Financial Resources,  
 Industry Advisory Board  
 James Ritchey, Secretary, Chairman Displays, APICS, AIEE  
 Dr. William F. Hassel, P.E., FIAE, Past President,  
 Chairman Industry Advisory Board  
 John Guarrera, P.E., Chairman Honor Awards, IEEE  
 William B. Johnson, P.E., FIAE, Past President, Honor Awards Committee,  
 SME, CSPE, ASM, CASA  
 Clifford B. Shiepe, Past President, P.E., Honor Awards Committee, AIIE  
 Lloyd W. Higginbotham, FIAE, Past President, Industry Advisory Board  
 Chairman Ticket Sales, SME, CASA  
 Norman Shaffier, P.E., FIAE, Chairman Banquet Committee, CSPE  
 Lawrence Souder, P.E., Displays Committee, AIPE, CSPE, ASME, SME  
 Jakob K. Jakobsen, P.E., FIAE, Society Delegations, AIAA, CSPE  
 William J. Johnson, SME, CASA, Photographer  
 Betty Seldner, Publications, SCVEN, SPJ, PRR, VPC, SOROP  
 Madeline Pinsky, Displays Committee, AIIE, SWE  
 Fred Daams, Ticket Sales, IEEE

PETER RECCHIA OMNI MEMORIAL AWARD - 1984

The movies have their Oscar; the television industry has its Emmy; and the San Fernando Valley Engineers' Council presents for the twelfth time, the Engineering Omni Award. This was presented to the Engineer of the Year - San Fernando Valley - 1973, and thereafter, to each succeeding Engineer of the Year - San Fernando Valley. This beautiful, original trophy was conceived, designed and produced by Peter Recchia, P.E., SME, AIIE. Mr. Recchia was a dedicated supporter of the engineering community. When he passed away, the Omni Award was renamed, "Peter Recchia Omni Memorial Award."

IN APPRECIATION

Department of Water and Power  
 Data Products  
 Bunker Ramo Corporation  
 California State University Northridge  
 Products Research  
 Di Peri Manufacturing  
 Energy Systems Division, Rockwell International  
 Golden West Broadcasting KTLA, Channel 5  
 Energy Management Systems, Inc.  
 Hon. Richard Katz, Assemblyman 39th District  
 HR Textron Inc.  
 Hughes Aircraft  
 ITT Gilfillan  
 Lockheed California Company  
 Marsallo Industries  
 Rocketdyne Division, Rockwell International  
 Southern California Gas Company  
 TRW Inc.  
 Vetco Offshore, Inc.  
 Shirley Lang, California State University Northridge  
 Michelle Manchester, California State University Northridge

# NATIONAL ENGINEERS WEEK



Feb. 19-25, 1984

**ENGINEERS: PARTNERS FOR PROGRESS**

SAN FERNANDO VALLEY ENGINEERS' COUNCIL  
MEMBER SOCIETIES

AMERICAN INSTITUTE OF CHEMICAL ENGINEERS • AMERICAN INSTITUTE OF INDUSTRIAL ENGINEERS • AMERICAN INSTITUTE OF PLANT ENGINEERS • AMERICAN PRODUCTION AND INVENTORY CONTROL SOCIETY • AMERICAN SOCIETY OF MECHANICAL ENGINEERS • AMERICAN SOCIETY FOR METALS • AMERICAN SOCIETY OF NUCLEAR ENGINEERS • AMERICAN SOCIETY FOR QUALITY CONTROL • AMERICAN WELDING SOCIETY • ASSOCIATION FOR COMPUTING MACHINERY • CALIFORNIA SOCIETY FOR HOSPITAL ENGINEERING, INC. • CALIFORNIA SOCIETY OF PROFESSIONAL ENGINEERS • COMPUTER AND AUTOMATED SYSTEMS ASSOCIATION OF SME • INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS • INSTITUTE OF ENVIRONMENTAL SCIENCES • INSTRUMENT SOCIETY OF AMERICA • SOCIETY OF AEROSPACE MATERIALS AND PROCESS ENGINEERS • SOCIETY OF AUTOMOTIVE ENGINEERS • SOCIETY OF HISPANIC PROFESSIONAL ENGINEERS • SOCIETY OF LOGISTICS ENGINEERS • SOCIETY OF MANUFACTURING ENGINEERS-99 • SOCIETY OF MANUFACTURING ENGINEERS-173 • SOCIETY OF MANUFACTURING ENGINEERS-197 • SOCIETY OF TECHNICAL WRITERS AND PUBLISHERS • SOCIETY OF VALUE ENGINEERS • SOCIETY OF WOMEN ENGINEERS