

SAN FERNANDO VALLEY ENGINEERS' COUNCIL
SAN FERNANDO VALLEY, CALIFORNIA

OBSERVING NATIONAL ENGINEERS' WEEK

FEBRUARY 18 – 23, 1985

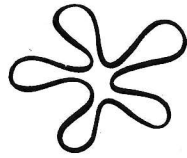
NATIONAL ENGINEERS' WEEK THEME

"ENGINEERS – TURNING IDEAS INTO REALITY"

HONOR AWARDS GALA BANQUET DANCE

CELEBRATING 30th ANNIVERSARY

SATURDAY NIGHT, FEBRUARY 23, 1985



DISTINGUISHED KEYNOTE SPEAKER

LEN J. WEAVER

CEng, FIEE, FIProdE, CBiM, FMC, FRSA
EXECUTIVE CHAIRMAN – POLYMARK INTERNATIONAL PLC
LONDON, ENGLAND

INTERNATIONALLY RECOGNIZED EXECUTIVE,
TECHNOLOGY LEADER, AND ENGINEER



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!

6:30 PM COCKTAILS – 7:45 PM DINNER – AWARDS – 9:45 PM DANCE
UNTIL MIDNIGHT



THE WHITE HOUSE

WASHINGTON

NATIONAL ENGINEERS WEEK

February 17 - 23, 1985

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 30th 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.

Engineers can be very proud of the role they have played in bringing our nation to its present prosperity. The economic progress of our nation has been closely tied to the practical application of scientific knowledge to the opportunities offered by the vast unsettled reaches of a new land. That process of discovery and invention remains alive today. Even though the frontier has been closed, engineers continue to display the same pioneer spirit which has played so great a role in building our nation. A restless curiosity, a willingness to take risks, and a desire to find out how to do things better than they have been done before -- these are the qualities which have made America's engineers world leaders in the development and application of new technology.

National Engineers Week gives all Americans an opportunity to recognize the contributions of engineers to our nation's progress. Nancy and I are happy to join with our fellow citizens in recognizing the outstanding accomplishments of America's engineers.

Ronald Reagan

SAN FERNANDO VALLEY ENGINEERS' COUNCIL

SAN FERNANDO VALLEY, CALIFORNIA

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

HONOR AWARDS GALA BANQUET DANCE

CELEBRATING 30th ANNIVERSARY
SATURDAY NIGHT, FEBRUARY 23, 1985



SOCIAL HOUR

6:30 PM

● WELCOME

ROLAND V. ROGGERO, FIAE, PRESIDENT
SAN FERNANDO VALLEY ENGINEERS' COUNCIL
PRESIDENT, ROLAND ROGGERO & ASSOCIATES
CONSULTING ENGINEERS
VAN NUYS, CALIFORNIA

SALUTE TO THE FLAG

7:45 PM

DINNER

7:45 PM

● INTRODUCTIONS

Roland V. Roggero, FIAE, President
San Fernando Valley Engineers' Council

PRESENTATIONS



● PRESENTATION

ENGINEERING '85 MERIT AWARDS

- Presentations given in alphabetical order

- Alvin Clavin, EE, Retired, Missile Development Division
Hughes Aircraft Company, Canoga Park, California

"For outstanding contributions to the engineering and scientific community, technology forecasting and assessment and advanced technology development."

- Arthur M. James, Composites Program Manager
Lockheed California Company, Burbank, California

"A recognized leader in advanced composites technology including advanced metallic, graphite/epoxy composites and metal matrix applications which have a major impact on aircraft and space-craft programs."

- Robert P. Jones, President,
Fishing Tool Company, Long Beach, California

"In recognition of outstanding contributions and development of techniques and process for the retrieval of drilling bits in deep well oil production."

- Jerry W. Kidd, Assistant Chief, NASA Marshall Space Flight Center
Canoga Park, California

"For outstanding contributions in the management and direction of tests for the space shuttle main engine, productivity techniques which are key to the successful space shuttle orbiter."

- Lawrence John Lam, Applications Engineer
Automation Intelligence, Fountain Valley, California

"Recognition for development and implementation of advanced CAD/CAM systems, Robotics, Artificial Intelligence and Factory of the Future applications."

- Richard C. Lins, Product Line Manager
HR Textron Inc., Valencia, California

"For outstanding leadership and accomplishments of Manned Maneuvering propulsion and control systems key to the success of the United States space programs."

● PRESENTATION

ENGINEERING '85 MERIT AWARDS

- Dante V. Lusica, Manager, Industrial Engineering Department
Price-Pfister, Inc., Pacoima, California

"For outstanding contributions to the engineering profession on an inter-professional basis and productivity contributions to industrial education and government."

- Lt. Colonel Alva L. Matheson, Air Force Plant Representative
Rocketdyne Division, Canoga Park, California

"In recognition of outstanding contributions and dedicated service to professional engineering activities within the field of Acquisition Management and Functional Program Execution of this mission to obtain primary products of weapon systems with quality, reliability and cost consideration."

- Harry J. Mc Cracken, P.E., Manager, Manufacturing Research and Technology, TRW Energy and Space Group
TRW, Inc., Redondo Beach, California

"For outstanding contributions to the inter-professional engineering community, education and government, and advanced industrial and aerospace developments of composites, materials, processes, and manufacturing techniques for the future."

- George Oltman, Jr., Senior Staff Scientist
Hughes Aircraft Company, Canoga Park, California

"Recognized for a wide range of scientific and engineering activities in the microwave, antennae, acoustics and sources, identifying major control systems which have an impact on our national defense."

- Dr. Don Parker, Manager, Radar Laboratory
Hughes Aircraft Company, Canoga Park, California

"In recognition of significant technical contributions to innovative and complex microwave solid state technology and responsible for major RF design programs including activities in fostering technical liaison with local universities."

● PRESENTATION

ENGINEERING '85 MERIT AWARDS

- Dr. Eric Pitts, Supervisor CAM Systems
North American Aircraft Operations, El Segundo, California

"Responsible for advanced CAD/CAM systems, Robotics, and Factory of the Future applications which will have an impact on this nations productivity in the 80's and 90's, with an inter-professional approach to the engineering community."

- Lee Rollins, Manager, Aerospace Industry Marketing Executives
Computervision Corporation,

"Recognized for long term outstanding contributions in the applications and development of advanced CAD/CAM/CIM and Factory of the Future programs which will have a quantum jump in productivity on our nations' competitive position."

- Carol J. Schamp, Manager, Spacecraft Test Engineering
TRW Space and Technology Group
TRW, Inc., Redondo Beach, California

"In recognition of the management of highly technical resource programs in spacecraft and satellite-born systems, integration and communication programs covering design test and launch support, with outstanding activity in the inter-professional engineering community."

- Steven E. Shimer, Avionics Flight Test Engineer (AFFTC)
Edwards AFB, California

"For outstanding leadership in the evaluation and development of superior performance avionics systems key to the defense of our nation."

- John R. Sosoka, President, TAG Technology Applications Group
Long Beach, California

"For outstanding contribution to industry, education, government, and innovative implementation of advanced CAD/CAM and artificial intelligence systems, which will leave its mark on the engineering profession in the future."



● PRESENTATION

ENGINEERING '85 MERIT AWARDS

Karl F. Storrie, President, Colt Industries
California Division of Menasco Corporation, Burbank, California

"For outstanding contributions to industry, education, and government, in the development and implementation of advanced management systems, productivity innovation, and catalyst in new techniques and technologies for advanced commercial and aerospace applications."

- Richard F. Thompson, P.E., Manager, Robotics Manufacturing and Test Rocketdyne Division, Canoga Park, California

"In recognition of advanced research and development in automated robotic welding systems with vision and adaptive control capabilities and successful management to establish new standards of automated welding capability and integrated manufacturing processes."

- Eugene N. Torgow, Associate Manager, Electronics Laboratories Hughes Aircraft Company, Canoga Park, California

"In recognition of long term activities in research and development in the design manufacturing, support engineering, product line development, with original applied research contributions to the microwave field and successful management of a major missile systems program."

- Carrie Weisse, P.E., Manufacturing Technology Engineer Stauffer Chemical Company, Long Beach, California

"For outstanding contributions to the educational and engineering professions for student activities on the Mathcount program for 800 junior high schools in the state of California, and activities in productivity improvement programs in chemical industry."

● PRESENTATION - STUDENT RECOGNITION SCHOLASTIC PROGRAM

Cathy Sue Bentz	John F. Kennedy High School, Granada Hills
Eric A. Brewer	John F. Kennedy High School, Granada Hills
Jim A. Buerkle	Marina High School, Huntington Park
Albert Shnaider	Van Nuys High School
Eric Spangler	Westlake High School
David Tamer	Newbury Park High School

● PRESENTATION - SPECIAL MERIT AWARD

John Adams, Professor, California State University
Northridge, California

Alan Wilson, Professor, University of California at Los Angeles
Los Angeles, California

● PRESENTATION - RESOLUTION

City of Los Angeles - National Engineers Week

Hal Bernson, City Councilman
City of Los Angeles, California

Honorable Richard Katz, Assemblyman, 39th District
San Fernando Valley, California

● PRESENTATION - HONORARY INTERNATIONAL ENGINEER OF THE YEAR - 1985

Len J. Weaver, CEng., Executive Chairman
Polymark International, London, England

Presented by:

William B. Johnson, NC Consultant, Rocketdyne Division
Rockwell International, Canoga Park, California

● PRESENTATION - DISTINGUISHED EDUCATION ACHIEVEMENTS AWARD - 1985

Dr. Thelma Estrin, Director, Department of Engineering,
Science and Mathematics
University of California at Los Angeles, California

● PRESENTATION - EDUCATION ACHIEVEMENTS AWARD - 1985

Timothy William Fox, Chairman, Mechanical and Chemical
Engineering Department, School of Engineering and Computer Science
California State University
Northridge, California

● PRESENTATION - ENGINEERING ACHIEVEMENTS AWARD - 1985

Arthur N. Thomas, Jr., Vice-president, Engineering
Marquardt Corporation, Van Nuys, California

● PRESENTATION - DISTINGUISHED ENGINEERING COMMUNICATIONS AWARD - 1985

Jeff L. Wald, News Director, KTLA - Channel 5
Golden West Broadcasting, Hollywood, California

Presented by:

Hal Fishman, Newscaster, KTLA - Channel 5
Golden West Broadcasting, Hollywood, California
1984 Recipient

● PRESENTATION - DISTINGUISHED ENGINEERING ACHIEVEMENTS AWARD - 1985

Dr. Rodney A. Boudreaux, Vice-President Engineering and Test
Rocketdyne Division, Rockwell International
Canoga Park, California

● PRESENTATION - ENGINEER OF THE YEAR - SAN FERNANDO VALLEY - 1985

Phillip V. King, PE, FIAE, City Engineer, City of Los Angeles
Los Angeles, California

Presented by:

Dr. Malcolm R. Currie, Executive Vice-President
Hughes Aircraft Company, El Segundo, California
1984 Recipient

● PRESENTATION - PETER RECCHIA OMNI MEMORIAL AWARD - 1985

Phillip V. King, PE, FIAE, City Engineer, City of Los Angeles
Los Angeles, California

Presented by:

Dr. Malcolm R. Currie, Executive Vice-President
Hughes Aircraft Company, El Segundo, California
1984 Recipient



● PRESENTATION - CALIFORNIA STATE LEGISLATIVE RESOLUTION

Phillip V. King, PE, FIAE, City Engineer, City of Los Angeles
Los Angeles, California

and

Len J. Weaver, CEng., Executive Chairman
Polymark International, London, England

Presented by:

Honorable Richard Katz, Assemblyman, 39th District
San Fernando Valley, California



● KEYNOTE ADDRESS

Len J. Weaver, CEng., Executive Chairman
Polymark International, London, England

● CLOSING REMARKS

Roland V. Roggero, FIAE, 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



1984 ENGINEERS' WEEK COMMITTEE AND OFFICERS

SAN FERNANDO VALLEY ENGINEERS' COUNCIL

Roland V. Roggero, FIAE, President, ASHE, CSHE, NGS
Clifford Terry, PE, FIAE, Past President, Chairman Industry Advisory Board, SME, NMA, CASA
James Ritchey, FIAE, Vice President, Treasurer, APICS, AIEE
Leonard J. DiPeri, PE, FIAE, Chairman Financial Resources, Industry Advisory Board
Dr. William F. Hassel, PE, FIAE, Past President, Industry Advisory Board, Banquet Committee
John Guarrera, PE, Chairman Honor Awards Committee, IEEE
William B. Johnson, PE, FIAE, Past President, Honor Awards Committee, SME, CSPE, ASM, CASA
Clifford B. Shiepe, PE, Past President, Honor Awards Committee, AIIE
Lloyd W. Higginbotham, FIAE, Industry Advisory Board, Chairman Banquet Comm.
Norman Shaffier, PE, FIAE, Special Recognition Committee, CSPE
Lawrence Souder, PE, Special Program Committee, CASA, AIPE, CSPE, ASME, SME
Jakob K. Jakobsen, PE, FIAE, Society Delegations, AIAA, CSPE
J.R. Camper, Society Delegations, CSHE, ASHE
William J. Johnson, SME, CASA, Photographer
Betty Seldner, Publicity, SCVEN, SPJ, PRR, VPC, SOROP
Marsha Waldman, Displays
Ellen Levenson, Displays

PETER RECCHIA OMNI MEMORIAL AWARD - 1985

The movies have their Oscar; the television industry has its Emmy; and the San Fernando Valley Engineers' Council presents for the thirteenth 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

Energy Systems Management
DiPeri Manufacturing
Golden West Broadcasting, KTLA
HR Textron Inc.
Hughes Aircraft
Lockheed California Company
Marquardt Corporation
Marsallo Industries
Menasco Inc
Midway Fishing Tool Company
Northrop Corporation
Odyssey Specialty Restaurant Inc.
Rocketdyne Division
Roland Roggero & Associates
Southern California Gas Company
TRW, Inc.
Dearborn Chemical Company

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
1984 Dr. Malcolm R. Currie, Hughes Aircraft Company



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
1984 James R. Berrett, President, CEO, Computervision Corporation