

SAN FERNANDO VALLEY ENGINEERS' COUNCIL  
SAN FERNANDO VALLEY, CALIFORNIA

OBSERVING NATIONAL ENGINEERS' WEEK

FEBRUARY 16 – 22, 1986

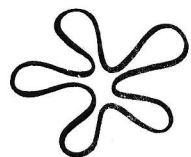
NATIONAL ENGINEERS' WEEK THEME

"ENGINEERS – TURNING IDEAS INTO REALITY"

## HONOR AWARDS GALA BANQUET DANCE

CELEBRATING 31st ANNIVERSARY

SATURDAY NIGHT, FEBRUARY 22, 1986



DISTINGUISHED KEYNOTE SPEAKER

**J. TRACY O'ROURKE**  
PRESIDENT & CHIEF EXECUTIVE OFFICER  
ALLEN BRADLEY COMPANY  
MILWAUKEE, WISCONSIN

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 16-22, 1986

I take great pleasure in extending my personal greetings to the professional engineers and officers of the San Fernando Valley Engineers' Council as you are gathered to celebrate your 31st Annual National Engineers' Week.

Forces at work in our nation today point to the formidable responsibilities and challenges for the engineer of the future. Our domestic economic prosperity, national security, and competitive stance in the world marketplace depend as never before on our ability to utilize our considerable technological skill. Research itself is becoming a more interdisciplinary, problem-focused pursuit, and the translation of scientific discovery into technology application is occurring at a much faster rate than ever before.

Engineers are uniquely qualified to respond to all of these challenges and changes. As the theme of this year's observance suggests, you have a long and proud tradition of molding new ideas into tangible realities. This has improved the quality of life in this country immeasurably. You have the vision to see possibilities where others see only problems, showing the natural inquisitiveness of the true innovator. Perhaps most important, you have talent – that innate gift which always has been the cutting edge of America's technological preeminence.

On behalf of our fellow citizens, Nancy and I congratulate you on your distinguished service to the nation, commend you on your many accomplishments, and wish you continued success in the years to come. We'll be counting on you. God bless you.

*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 31st ANNIVERSARY

SATURDAY NIGHT, FEBRUARY 22, 1986

- SOCIAL HOUR 6:30 PM
- WELCOME  
James P. Ritchey, FIAE, President  
San Fernando Valley Engineers' Council  
Manager Industrial Engineering  
R & G Sloan Manufacturing Company  
Sun Valley, California
- SALUTE TO THE FLAG 7:45 PM
- DINNER 7:45 PM
- INTRODUCTIONS  
James P. Ritchey, FIAE, President  
San Fernando Valley Engineers' Council
- PRESENTATIONS  
Roland V. Roggero, PE, FIAE, Past President  
San Fernando Valley Engineers' Council

### ENGINEERING '86 MERIT AWARDS

- PRESENTATION  
Presentations given in alphabetical order
- Kenneth D. Bailie, Director of Manufacturing, Servocontrols Division, H.R. Textron Inc., Valencia, California  
"For outstanding accomplishments in applying advanced technology applications to increased productivity, and a driving influence in coordinating Manufacturing Engineering principles and processes for optimization."
- Dr. Robert G. Belie, FIAE, Principal Scientist - Computer Aided Productivity, Rocketdyne Division, Rockwell International, Canoga Park, California  
"For outstanding accomplishments on computer graphics for the Space Shuttle Main Engine, development of state of the art in visualization analysis for computational fluid dynamics programs that is internationally recognized as cutting edge productivity."
- Sidney I. Bocarsly, PE, Research and Development Scientist, Lockheed - California Company, Burbank, California  
"In recognition of outstanding contributions in establishing professional activities in the San Fernando Valley, and advancement of technology in Metallurgy, Composites and Thin-film Materials."
- William Caldwell, Consultant, California State University - Northridge California  
"In recognition for contributions to the professional engineering community, and in particular, for his work with the student sections of the American Society of Mechanical Engineers (ASME) throughout the State of California."
- Vincent P. Caruso, Chief of Production and Logistics Office, NASA Marshall Space and Flight Center, Huntsville, Alabama  
"For outstanding contributions for advanced manufacturing processes, systems, CAD/CAM/CIM with innovative programs that impact the Space Shuttle Orbiter."

ENGINEERING '86 MERIT AWARDS

● PRESENTATION

- William W. Cloud, Senior Research and Development Engineer, Lockheed - California Company, Burbank, California

"For outstanding contributions to the development of technology for electric and environmental control systems and the furtherance of professionalism in the field of electrical engineering."

- Frederick C. Corey, Vice President Tactical Products, Northrop Corporation, Ventura Division, Newberry Park, California

"For outstanding leadership and accomplishments in the design, development, and integration for the F-5, F-18, and F-20 aircraft and avionic systems."

- Earl S. Cory, Senior Software Engineer, Engineering Department Eaton Corporation, Westlake Village, California

"In recognition of significant technical contributions to software tools and procedures, innovative utilization of computer architecture, dedicated training and consulting for programmers, tireless contributions to computer user societies, and support to local universities."

- Dr. Ileana Costea, Assistant Professor of Engineering, California State University Northridge, California

"In recognition of national professional leadership in the development of research, communications, and instruction in methods of Computer Aided Design, Engineering and Manufacturing."

- Robert D. Evans Jr., Chief Tactical Projects Branch, Flight Dynamics Division, Edwards AFB, California

"In recognition of truly exceptional engineering and management leadership in the test, evaluation and successful global development of the F-16 Fighting Falcon."

- John L. Gaffney, Division Manager, Technical Support, Lockheed - California Company, Burbank, California

"In recognition of outstanding contributions and dedication to the engineering profession in technical support activities, maintainability, and reliability developments in the aerospace industry."

ENGINEERING '86 MERIT AWARDS

● PRESENTATION

- Dr. Odell Graham, Assistant Manager Radar Laboratory, Hughes Aircraft Company, Canoga Park, California

"In recognition of outstanding contributions and dedicated service to Professional Engineering Activities, Minority Engineering Programs at the university level, and for his active support of the Microwave/Antenna/Radar Engineering Program at California State University, Northridge, and the Undergraduate Microwave Instructional Laboratories at the University of California, Los Angeles."

- Walter G. (Ted) Holland, Administrator Plant Management, Los Angeles County/USC Medical Center, Los Angeles, California

"For outstanding contributions to the inter-professional Engineering Community, Education and Government, and in recognition for activities and achievements in engineering services that has had an impact on the Health Care Industry."

- Maxene Johnston, President and Chief Executive Officer, Weingart Center Association, Los Angeles, California

"For outstanding contributions and achievements to community development programs providing innovative health and human services through a public-private sector partnership of government and business."

- William L. MacDonald, Associate Professor of Engineering, California State University, Northridge, California

"In recognition of unique technical and educational leadership in the creation of facilities and curricula for introductory instructions in Computer Aided Design and Engineering."

- Robert E. McCarthy, President, Wizzards Incorporated, Northridge, California

"For outstanding innovations and contributions in pioneering of Phenomena Simulations" in the field of theatrical entertainment, motion pictures, television and theme parks."

- Gary Robert Mason, Senior Staff Engineer, Engineering Department, Eaton Corporation, Westlake Village, California

"In recognition of outstanding contributions and dedicated service to innovative computer software development, including automated work flow processes which have had an appreciable impact on improving our national defense."

ENGINEERING '86 MERIT AWARDS

- PRESENTATION
- Dr. Roger A. Mickish, Project Manager, Facilities & Industrial Engineering for Advanced Programs, Rocketdyne Division, Rockwell International, Canoga Park California  
"In recognition of long-term outstanding managerial and technical leadership in support of laser and other high technology programs which contribute to the strength of the United States of America in Strategic Defense Initiative (SDI), and Space Station Programs."
- Richard P. Mosser Jr., PE, Department Manager, Missile Systems Group, Hughes Aircraft Company, Canoga Park, California  
"In recognition of contributions to the engineering profession and dedicated service to programs which have an impact on our national defense, space and communication systems."
- Lawrence M. Oliva, Program Manager, Computervision Corporation, Culver City, California  
"Recognized for innovative and contemporary contributions in the areas of computer science management and CAD/CAM technology applications which will permit quantum productivity increases in the competitive manufacturing positions of American corporations."
- Robert C. Shaw, President, Robert F. Kennedy Medical Center, Hawthorne, California  
"For outstanding contributions and achievements promoting community health through innovative hospital-based programs which have an impact in developing new markets and services fulfilling responsibility to ensure good health to the community."
- Oswald A. Walkes, Engineering Manager, Advanced Technology Group, H.R. Textron, Inc., Valencia, California  
"For innovative contributions to the engineering profession and advanced technology with active control in landing gear and inter-active systems engineering related to the aerospace industry."
- Dr. Frederick L. Scarf, Chief Scientist Space Research and Technology, TRW Corporation, Redondo beach, California  
"For outstanding activities, innovations, research and development of advanced space, communication satellites, deep space probes, and Space Station technology for the 80's and 90's."

- PRESENTATION - MATHCOUNTS STUDENT RECOGNITION  
Caroline Chen Portola Magnet Center, Tarzana, California  
Vincent green Portola Magnet Center, Tarzana, California  
Josh Levenberg Portola Magnet Center, Tarzana, California  
Madaline Lu Portola Magnet Center, Tarzana, California
- PRESENTATION - HONORARY INTERNATIONAL ENGINEER OF THE YEAR - 1986  
J. Tracy O'Rourke, President and Chief Executive Officer, Allen Bradley Company, Milwaukee, Wisconsin  
Presented By  
William B. Johnson, PE, CAD/CAM and Automation Consultant, Rocketdyne Division, Rockwell International, Canoga Park, California
- PRESENTATION - DISTINGUISHED LEGISLATIVE ACHIEVEMENTS AWARD - 1986  
Senator Ed Davis, California State Legislature, Sacramento, California
- PRESENTATION - DISTINGUISHED ENGINEERING ACHIEVEMENTS AWARD - 1986  
Damian F. Albanese, Director, Passive Surveillance Systems, ITT Gilfillan, Van Nuys, California
- PRESENTATION - DISTINGUISHED PRODUCTIVITY ACHIEVEMENTS AWARD - 1986  
Peter Gandell, Executive Vice President, H. R. Textron, Inc., Valencia California
- PRESENTATION - DISTINGUISHED ENGINEERING ACHIEVEMENTS AWARD - 1986  
Edward G. Linhart, PE, FIAE, Vice President and General Manager, Western Gear Corporation, City of Industry, California
- PRESENTATION - EDUCATION ACHIEVEMENTS AWARD - 1986  
Dr. Gregg W. Dixon, Professor Mechanical and Chemical Engineering, California State Univeristy, Northridge, California
- PRESENTATION - DISTINGUISHED INDUSTRIAL COMMUNICATIONS AWARD - 1986  
Herb Rosen, FIAE, Consultant  
Management Communications, Culver City, California

● PRESENTATION - DISTINGUISHED ENGINEERING ACHIEVEMENTS AWARD - 1986

George Hallinan, PE, FIAE, Director, Space Station Power Division,  
Rockwell International, Canoga Park, California

● PRESENTATION - ENGINEER OF THE YEAR - SAN FERNANDO VALLEY - 1986

Sophia K. Ashley, PE, Director Wind Tunnel Testing, Naval Civil  
Engineering Laboratory, Port Hueneme, California

Presented By

Phillip V. King, PE, FIAE, Retired City Engineer, City of Los Angeles -  
1985 Recipient

● PRESENTATION - PETER RECCHIA OMNI MEMORIAL AWARD - 1986

Sophia K. Ashley, PE, Director Wind Tunnel Testing, Naval Civil  
Engineering Laboratory, Port Hueneme, California

Presented By

Phillip V. King, PE, FIAE, - 1985 Recipient

● PRESENTATION - CALIFORNIA STATE LEGISLATIVE RESOLUTION

Sophia K. Ashley, PE, Director Wind Tunnel Testing, Naval Civil  
Engineering Laboratory, Port Hueneme, California

AND

J. Tracy O'Rourke, President and Chief Executive Officer, Allen Bradley  
Company, Milwaukee, Wisconsin

Presented By

The Honorable Senator Ed Davis, California State Legislature,  
Sacramento, California

● KEYNOTE ADDRESS

J. Tracy O'Rourke, President and Chief Executive Officer, Allen Bradley  
Company, Milwaukee, Wisconsin

● CLOSING REMARKS

James P. Ritchey, FIAE, President, San Fernando Valley Engineers'  
Council

● DANCING FOR THE REMAINDER OF THE EVENING

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. Roadston, 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
- 1985 Phillip V. King, PE, FIAE, City of Los Angeles, California

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
- 1985 Len J. Weaver, CEng., Executive Chairman, Polymark International, London England

1986 ENGINEERS' WEEK COMMITTEE AND OFFICERS  
SAN FERNANDO VALLEY ENGINEERS' COUNCIL

James Ritchey, FIAE, President, APICS, AIIE  
Roland V. Roggero, PE, FIAE, Past President, Chairman Industry Advisory Board,  
IAE, CSHE, AMSE, NGS  
Clifford Terry, PE, FIAE, Past Chairman, Industry Advisory Board, SME, NMA, CASA  
J. Robert Camper, FIAE, Treasurer, CSHE, ASHE  
John Guarrera, PE, Chairman Honor Awards Committee, IEEE  
Leonard J. DiPeri, PE, FIAE, Chairman Financial Resources  
Dr. William F. Hassel, PE, FIAE, Chairman Honor Awards Banquet, AIAA  
William B. Johnson, PE, FIAE, Past President, Honor Awards Committee, SME, CSPE  
Lloyd W. Higginbotham, FIAE, Professional Societies Liaison  
Norman Shaffler, PE, FIAE, Special Recognition Committee, CSPE  
Clifford B. Shiepe, PE, Honor Awards Committee, AIIE  
Harlan Russ, PE, Assistant Treasurer, Finance Committee SME  
William G. Douthitt, PE, Awards Banquet Committee, SME, CASA, ASSE  
Betty Seldner, Chairperson Publicity Committee  
Marsha Waldman, Chairperson, Displays Committee  
Henry Garbelman, Special Program, CSHE, ASHE, ACHE  
Waldon R. Burr, FIAE, Awards and Banquet Committee, ISA, ASQC  
Dante V. Lusica, FIAE, Special Programs, AIIE

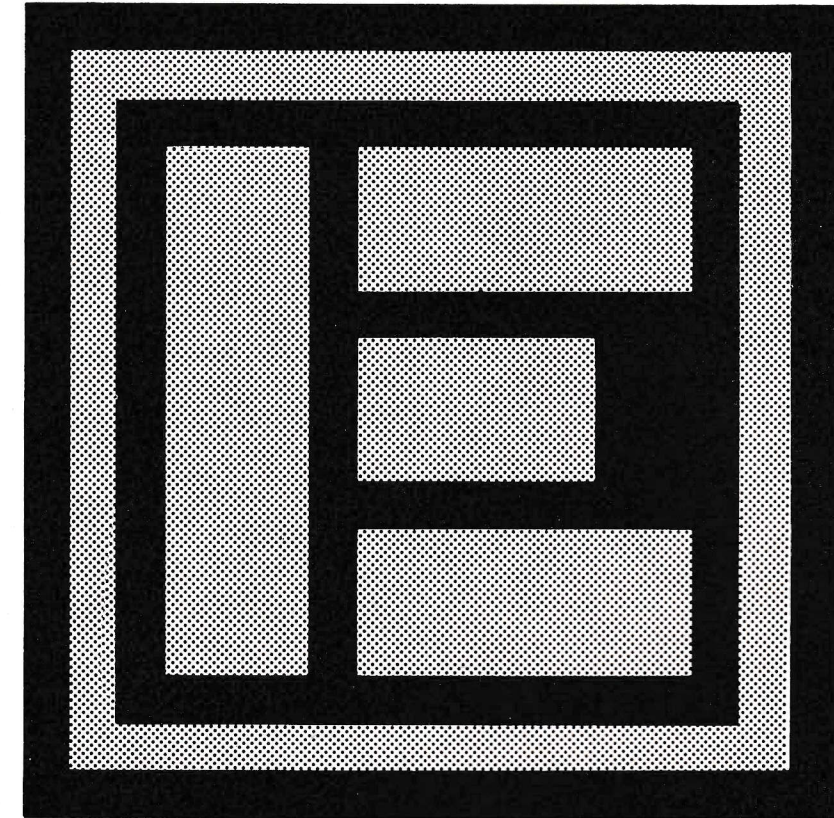
PETER RECCHIA OMNI MEMORIAL AWARD - 1985

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

Eaton Corporation  
ITT Gilfillan  
Computervision  
Di Peri Manufacturing  
W. R. Burr Consultant Inc.  
Menasco Inc., Colt Industries  
Lockheed - California  
Energy Management Systems  
Price Pfeister

Northrup Corporation  
Rockwell International, Rocketdyne Div.  
H. R. Textron Inc.  
Hughes Aircraft Company  
Roland Roggero and Associates  
Marsallo Industries  
Odyssey Specialty Restaurant, Inc.  
R & G. Slane



**OBSERVING NATIONAL ENGINEERS' WEEK**

**FEBRUARY 16 - 22, 1986**

**NATIONAL ENGINEERS' WEEK THEME**

**"ENGINEERS - TURNING IDEAS INTO REALITY"**



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