

# DIRECTION

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THE INSTITUTE OF ELECTRICAL AND  
ELECTRONICS ENGINEERS • DALLAS, TEXAS



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TEXAS INSTRU. INC.

*Pictured at the January meeting are P. G. Wallace, who made the presentation; Dr. R. L. Petritz and Dr. L. C. Marshall, recipients of Fellow Awards and Region 5 Director, H. O. Hodson.*

# 3 Dallas Section Members Named Fellows

The Institute of Electrical and Electronics Engineers is proud to award the grade of Fellow to three members of the Dallas Section. The awards will be presented at the January 21 meeting by Mr. P. G. Wallace. Among the honored guests will be Mr. H. O. Hobson, Director of Region 5, IEEE.



DR. R. L. PETRITZ

Dr. Richard L. Petritz is Director of the Semiconductor Research and Development Laboratory, Semiconductor Components Division, Texas Instruments Incorporated. Prior to joining Texas Instruments in 1958 he was Chief of the Semiconductor Research Branch at the U.S. Naval Ordnance Laboratory, White Oak, Maryland. From 1950 to 1954 he was a member of the faculty of the Catholic University of America (Physics Department), Washington, D. C.

Dr. Petritz received his BSEE, MSEE and Ph.D in Physics from Northwestern University. While completing his graduate studies at Northwestern where he was a Walter P. Murphy Fellow from January 1948 to June 1949, Dr. Petritz held various positions in the fields of physics, electronics, and nuclear weapons.

Dr. Petritz has published many research papers pertaining to the fields of semiconductor physics and devices, theory of noise, surface physics, information theory, and photoconductivity. The Institute of Radio Engineers in March 1954 awarded Dr.

Petriz the Browder J. Thompson Memorial Prize, and in December 1954 the U. S. Navy honored him with the Meritorious Civilian Service Award. He has published widely in the professional journals.

Dr. Petritz is a member of The American Association of Physics Teachers, American Association of University Professors, American Physical Society, Eta Kappa Nu, Institute of Radio Engineers, Sigma Xi, Tau Beta Pi, Triangle Fraternity, Washington Philosophical Society, AA For Advancement of Sciences, Texas Academy of Sciences, Member of Carnegie Institute of Technology Visiting Committee (Electrical Engineering Department) 1 July 1963-1 July 1966.

A well known member of the Dallas Section who will also receive the Fellow Award is Mark Shepherd, Jr., Executive Vice-President of Texas Instruments Incorporated. Mr. Shepherd attended Southern Methodist University where he was awarded the

BSEE in 1942 and the University of Illinois for his MSEE. After three years in the Navy during World War II, he joined Farnsworth Television and Radio Corporation.

In 1948, Mr. Shepherd became employed by Geophysical Service Inc. as a project engineer in the Labora-



MARK SHEPHERD, JR.

tory and Manufacturing Division.

As Geophysical Service Inc. grew and expanded, the organization now known as Texas Instruments Incorporated evolved from it. He became Assistant Chief Engineer in charge of the Semiconductor Design Engineering Department when it was first established in June, 1952, and Chief Engineer, Semiconductor Design in January, 1953. Following elevation of that department to divisional status on January 1, 1954, was appointed Assistant Vice President and General Manager of the division. In 1955 he was promoted to Vice President, retaining responsibility over the division. On July 31, 1961 he was elected Executive Vice President with responsibility for all company operating activities throughout the world. He was made a member of the TI Board of Directors in February, 1963.

The third new Fellow is Dr. L. C. Marshall, Graduate Research Center of the Southwest. A biography of Dr. Marshall was carried in the December issue of Direction, page 10.

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