

## BIOGRAPHIES

P.F. DALEY, no biography available.



KEN DUCKWORTH obtained a B.Sc. in physics in 1960 from the University of Leeds and a Ph.D. in applied geophysics in 1964 from the same university. In 1964, he joined the Darwin Uranium Group of the Australian Bureau of Mineral Resources where he was involved in uranium prospecting associated with the Rum Jungle Mine.

In 1968, he took a position as Assistant Professor of Geophysics at the University of Calgary and is now an Associate Professor in the Department of Geology and Geophysics at the same university. Memberships include SEG, ASEG, CSEG, EAEG, and the Association of Professional Engineers, Geologists and Geophysicists of Alberta. Research interests are in the development of mineral exploration methods with particular emphasis on the modelling of the behaviour of electromagnetic prospecting systems.



ROBERT M. ELLIS holds a B.A. in mathematics (1957) and an M.Sc. in physics (1958) from the University of Western Ontario and a Ph.D. in geophysics (1964) from the University of Alberta. He is Professor in the Department of Geophysics and Astronomy at the University of British Columbia. The principal focus of his

research is the understanding of past and current tectonic processes in several areas of Canada and its continental margin using the techniques of both controlled-source and earthquake seismology.



MICHAEL E. ENACHESCU received his M.Sc. in applied geophysics from the University of Bucharest in 1970 and did further studies at the Universities of Bucharest (mathematics and geophysics) and Calgary (geology). From 1970 to 1976 he worked as a geophysicist with the Romanian Exploration

Co. in regional basinal and integrated geophysical studies. From 1977 to 1980 he was a senior researcher at the Institute of Geology and Geophysics of Romania and scientific supervisor of the National Geophysical Observatory, performing crustal studies and supervising theses in various areas of geophysics.

Since 1981, Michael has worked exclusively as a geophysical interpreter of Canadian frontier basins, first with Suncor Resources (to 1984) and then with Husky Oil where he is Senior Staff Geophysicist. In recent years, he has performed a regional integrated study of the eastern Newfoundland offshore, including the Jeanne d'Arc basin and is presently doing prospect evaluation and structural studies of the Amauligak field and the Beaufort-MacKenzie basin. His active interests include the Scotian Shelf, Hudson Bay, Labrador Sea, Arctic Islands, Yukon and Northwest Territories, the North Sea and Gulf of Mexico basins as well as the Lithoprobe and COCORP programs.

Michael is a member of CSEG, SEG, EAEG, CSPG, AAPG and APEGGA (registered professional geophysicist). He is also a member of the Marine Geoscience Committee of the Canadian Geoscience Council.



J.H. HASLETT was born in Saskatchewan on September 27, 1944. He received the B.Sc. degree in electrical engineering from the University of Saskatchewan in 1966, and the M.Sc. and Ph.D. degrees from the University of Calgary in 1968 and 1970, respectively.

He subsequently joined the Department of Electrical Engineering at the University of Calgary, where he is currently Professor and Head of the Department. From 1970 to 1975, his main research interest was in the area of noise mechanisms in solid-state devices. Since 1975 his interests have shifted to low-light-level CCD imagers for spacecraft applications, high-frequency RC active filters for telecommunications applications, specialized instrumentation systems related to drill-stem testing of oil and gas wells, and the design of analog, and digital VLSI circuits.

F. HRON, see biography in December 1987 Journal of the CSEG, volume 23, page 86.

SUDHIR JAIN, see biography in December 1987 Journal of the CSEG, volume 23, page 86.



RONALD H. JOHNSTON was born in Drumheller, Alberta on May 11, 1939. He received the B.Sc. degree from the University of Alberta and the Ph.D. degree from the University of London, England, in 1961 and 1967, respectively.

He joined Canadian General Electric in 1961, working chiefly on television transmitting antennas. In 1962 he went to Imperial College, England, on an Athlone Fellowship to work on high-frequency transistor circuits. This work continued at Queen's University, Belfast, Northern Ireland, where he went in 1964. In 1967 he joined the R & D Labs, Northern Electric (now known as BNR) in Ottawa, working on the development of microwave repeaters. In January 1970 he joined the Department of Electrical Engineering, University of Calgary, where he is now a Professor. His research interests now include: microwave moisture measurement, subsurface EM propagation, and high-frequency semiconductor circuits.

Dr. Johnston is a Registered Professional Engineer in the Province of Alberta.



LORNE PASCOE received an Honours degree in applied mathematics from the University of Alberta in 1969, and after working as a Research Assistant in geophysics at that university, completed a B.Ed. at the University of Toronto. He then taught at several academic institutions and returned to the University of Alberta where in 1984 he

received an M.Sc. in geophysics. Currently, he is teaching mathematics at Old Scona Academic High School in Edmonton, Alberta.



F.N. TROFIMENKOFF is a Professor in the Department of Electrical Engineering at the University of Calgary. He was born in Veregin, Saskatchewan, on August 10, 1934. He received the B.E. degree in engineering physics and the M.Sc. degree in physics, both from the University of Saskatchewan, in 1957 and 1959,

respectively. He was awarded an Athlone Fellowship in 1959 and completed the Ph.D. program in electrical engineering (semiconductor device physics) at the Imperial College of Science and Technology, London, England, in 1962.

From 1957 to 1959 he worked on instrumentation for accurate humidity measurement in the Division of Building Research of the National Research Council of Canada and from 1962 to 1966 he was an Assistant Professor of Electrical Engineering at the University of Saskatchewan. In 1966 he moved to the Electrical Engineering Department at The University of Calgary. His current interests are in the circuits and device area and in instrumentation related to the petroleum industry.

Dr. Trofimenkoff is a member of the Association of Professional Engineers, Geologists and Geophysicists of Alberta, the Engineering Institute of Canada, the Canadian Association of Physicists, and the American Society for Engineering Education.



COLIN A. ZELT graduated in 1984 from the Honours Physics/Mathematics program at the University of Victoria. Since then, he has been a Ph.D. student at the University of British Columbia with thesis topic: a structural interpretation of the 1985 Peace River Arch Seismic Experiment data set. His principal research interests are interpreta-

tion techniques of crustal refraction data.