

more frequent basis. And to prove the point, he purchased a used 1958 Rolls Royce—which he carefully maintained and drove for more than 20 years!

In Memoriam— Gerald B. Kliman



The IAS and the international electric machines community lost one its most creative and respected members when Gerald B. Kliman, 72, of Schenectady, New York, was tragically killed in a traffic accident on 30 January 2004.

Jerry (as he was known to all his colleagues) was born and raised in Boston, Massachusetts. He received all of his electrical engineering degrees from MIT in Cambridge, Massachusetts, culminating in his Ph.D., awarded in 1965. After serving in the U.S. Air Force and briefly as a faculty member at Rensselaer Polytechnic Institute (RPI), he joined the General Electric Company.

During his long and productive career at GE, Jerry earned wide respect for his expertise in the fields of rotating and linear ac machines, electric traction drives, and electromagnetic pumps. Jerry brought fresh ideas to every technical problem he addressed, generating 88 U.S. patents up to the time of his death with over 20 other applications pending. His advice was widely sought by researchers both inside and outside GE, and he never learned how to say “no” to these requests. Following his retirement from GE in 2000, Jerry returned to RPI to continue his research activities.

Jerry was a Life Fellow of the IEEE, reflecting a long history of professional contributions as both an author and active member of technical committees. He was a member of both the Electric Machines and Land Transportation Committees of the IAS, as well as the Rotating Machinery Theory Committee of the Power Engineering Society. Jerry also served as an associate editor of the journal *Electric Power Components and Systems*.

IAS MEMBERS RECEIVE FELLOW RECOGNITION

Congratulations to the following IAS Members who have been elected to the level of IEEE Fellow in the Class of 2004:

Prof. Wamadeva Balachandran
Brunel University

Dr. Robert Mark Nelms
Auburn University

Mr. Frank DeWinter
DeWinter Engineering Inc.

Mr. Edward L. Owen
General Electric Company

Dr. Robert Alexander Hanna
RPM Engineering Ltd.

Mr. William A. Peterson
E&M Power

Dr. Jerry Hudgins
University of South Carolina

Mr. Jerry D. Lloyd
Emerson Electric Co.

Prof. Longya Xu
Ohio State University

When not working on technical problems, Jerry loved to play his violin in local orchestras. He was devoted to his family and to his Jewish faith. Jerry worked tirelessly to build bridges between the various religious communities in the Albany-Schenectady area.

Jerry’s many professional colleagues and friends in IAS will always remember him fondly as a very unique and special person. We will miss him greatly.

New Fellow Category Targets Nominations from Industry

IEEE members working at activities besides research and development now have a Fellow category created specifically for them. “Application Engineer/Practitioner” will apply to nominees for IEEE Fellow who work in such areas as process or production engineering, quality control, and systems integration.

The IEEE Board of Directors approved this and other changes last June, based on suggestions made by a task force appointed by 2003 President Michael Adler. The task force recommended the category be added as a way to increase Fellow nominations from industry. The new category recognizes the vast number of members who are involved in engineering practice, as opposed to R&D.

“The Board has been concerned for several years about how few engineers from industry have been elected to Fellow grade,” says 1985 Past Presi-

dent Bud Eldon, who chaired the task force. “The percentage of members working in industry is higher than those in academia, but the number of nominations for Fellows from industry is significantly lower.”

Nominations of members working in R&D—whether in industry, government, or academia—that previously fell under of the “Engineer/Scientist” category now will be classified as “Research Engineer/Scientist.” The two remaining categories, “Technical Leader” and “Educator,” are unchanged.

Nominees for the new category, like nominees for the other three, will be evaluated primarily on the basis of achievements in “bringing the realization of significant value to society.” This is one of three criteria for elevation to Fellow grade, along with being an IEEE senior member and having paid-up dues.

IAS Members Receive 2004 IEEE Medal for Engineering Excellence

The highly prestigious 2004 IEEE Medal for Excellence is awarded to IAS Members Richard L. Doughty, principal consultant (retired), E.I. Dupont de Nemours & Co., Inc.; H. Landis Floyd, II, senior consultant, E.I. Dupont de Nemours & Co., Inc.; and Thomas E. Neal, E.I. Dupont de Nemours & Co., Inc. (retired), principal consultant and currently with Neal Associates, Ltd. The award citation reads, “for pioneering development of empirical models for