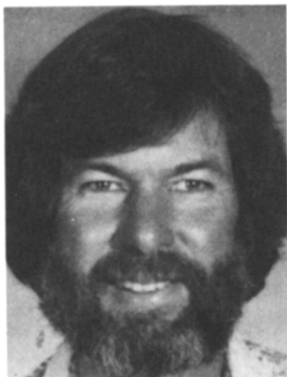


**We dedicate this issue to the memory of Ken Riepe
1940–1986**



Dr. Kenneth Bruce Riepe, a Los Alamos National Laboratory scientist, is coauthor of a paper in this issue on electron-beam pumping of large fusion lasers. Ken was the deputy group leader, high-voltage engineering section leader, and heavy-ion injector system manager for the laser pulse power group at the Laboratory. He was a staff member for the Laser and Physics Divisions at Los Alamos from 1972 to 1984. In 1984 he worked as a staff physicist for Pulse Sciences, Inc., returning to the Laboratory in 1985.

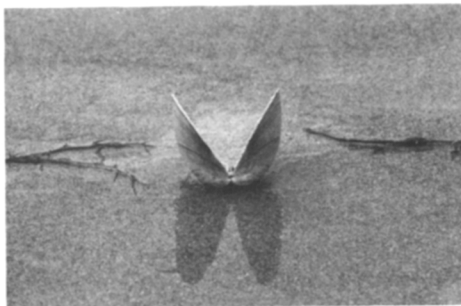
During his Laboratory tenure, Ken was a leader in the field of pulse power and laser fusion technology. He was a member of the first team formed to conceive and design large KrF laser systems at Los Alamos, of which Aurora is the largest in the world. He designed the energy storage network for all three large Los Alamos fusion laser systems—Helios, Antares, and Aurora. Ken was also the project leader for a 2-MeV heavy-ion injector at the Laboratory.

Prior to coming to the Laboratory at Los Alamos, Ken was a senior engineer from 1967 to 1972 at EG&G, Boston and Albuquerque, where he was responsible for the design and testing of short-pulse, high-current, relativistic electron-beam generators and high-voltage nuclear electromagnetic-pulse simulators.

After graduation in 1958 from Burroughs High School in Burbank, California, Ken attended Harvey Mudd College on a scholarship, receiving his BS in engineering in 1962. Union Carbide granted him a fellowship to Carnegie-Mellon Institute, where he received his MS in electrical engineering in 1963 and his PhD in 1967.

Ken Riepe was active in community projects. He was a scoutmaster for Troop 329 at Barranca Mesa Elementary School in Los Alamos, and served on the Cub and Boy Scouts District Commission. The New Mexico north-central mountain environment, where Los Alamos is located, found Ken skiing, backpacking, riding his motorcycle, and jogging when he was not engaged in photography of the area.

*Gentle man . . .
Full of life . . .
Where have you gone?
Verse by Stu Bowling*



Photography by Ken Riepe
Written by Dianne Hyer
Pasteup by Gloria Sharp