crystals, thereby achieving a level of accuracy in experimentally derived structure-factor magnitudes and electron-density distributions never before attained. He served for over a quarter of a century as a consultant and sometimes summer resident research associate at Los Alamos Scientific Laboratory (LASL). He and Mossa increasingly enjoyed the northern New Mexico environment and upon his retirement from the University of Chicago they moved to Santa Fe. A third of his publications from 1953 on, and about a half in the 1970s, were the result of collaboration with LASL investigators on the structures of 5*f*-series elements and compounds. From 1955 to 1970 there appeared jointly authored papers on structures with superconducting transitions; the fruit of collaboration with his friend Bernd Matthias at Bell Telephone Laboratories and the University of California at La Jolla.

Willie was elected to membership in the Norwegian Academy of Sciences in 1938, in the US National Academy of Sciences in 1949 and in the American Academy of Arts and Sciences in 1965. He was president of the American Society for X-Ray and Electron Diffraction in 1945 and a member of the Executive Committee of the International Union of Crystallography from 1966 to 1972. He was a Fellow of the American Physical Society and a founding member of the American Crystallographic Association. He was awarded a DSc from Brooklyn Polytechnic Institute in 1954.

As much joy as he found in science, in nature, and in his love of family and friends, he found equally in art songs. He was transported by happiness when he listened to the songs of Grieg or Kjerulf, and in Schubert *Lieder* he found the ultimate beauty and peace.

Hvil i fred.

RAY PEPINSKY

Notes and News

Acta Cryst. (1980). A**36**, 740

CHESS
Cornell high energy synchrotron source

Proposals are now being accepted for experiments to be carried out at CHESS, the new high energy synchrotron radiation facility at Cornell University, Ithaca, New York. Presently, three beam lines are fully operational and supply radiation to four experimental stations. These stations have available intense polarized radiation at energies in the hard X-ray range (a few keV and above). The characteristic energy of the radiation will be in a range up to 35 keV. Proposals exploiting this unique feature of the facility will receive preference. CHESS will provide the capability to facilitate studies in EXAFS, X-ray topography, small-angle scattering, Compton scattering, deep-level spectroscopy, and X-ray crystallography, but proposals need not be limited to these areas.

Proposals should be submitted by 31 August 1980. Beam time will be allocated according to the recommendation of a proposal review panel and the expected schedule of operation of the CESR storage ring.

Proposals should be sent to Proposals Secretary, CHESS, Clark Hall, Cornell University, Ithaca, New York 14853, USA.

Details on current instrumentation and available facilities can be obtained from B. W. Batterman, Director, or N. W. Ashcroft, Associate Director. Telephone: (607) 256-5161.