

## AUGUST HENNIG†

The late first generation stereologist Dr. Ing. August Hennig was born in Bavaria on the 12th of October 1903. He finished school with the final examination and then commenced his studies at the Institute of Technology in Munich. His university studies ended with the degree of Dr. of Engineering. His thesis was on photoelasticity. He continued his studies in the direction of higher mathematics and specialized in biomathematical problems in subsequent years.

After world war II he took a position as biomathematician in the Anatomical Institute of the University of Munich. He was confronted with problems regarding the morphometric measurement of microscopical cellular structures in sectioned material. He developed — independently of the worldwide morphometric evolution — a series of formulas concerning the estimation of volume-fraction, surfaces of cut bodies and lengths of cut fibres, mainly based on point-counting. His results were published in German journals, but were noticed by only a few people. Yet, H. Elias came across his publications and in this way A. Hennig came into a productive dialogue with Elias. This connection proved a very great stimulus for his further work. He was, consequently, one of the founders of the ISS in 1961. During this time, cooperation with Elias led to a personal friendship. A. Hennig has made a lot of suggestions for the practical use of stereological methods, furthermore he estimated the sources of errors due to certain point arrangements in the grid. As far as I know, Elias and Hennig wrote about 8 papers together.

After Hennig's retirement in 1969 and the death of his wife, he lived secludedly in Munich and had only contacts by letter to a few scientists like H. Elias and myself. He died of a stroke on 26th July 1986.

(H. Haug)

## FREDERICK NIMS RHINES†

Dr. F.N. Rhines, Distinguished Service Professor Emeritus in the Department of Materials Science and Engineering at the University of Florida, died on April 10th 1986.