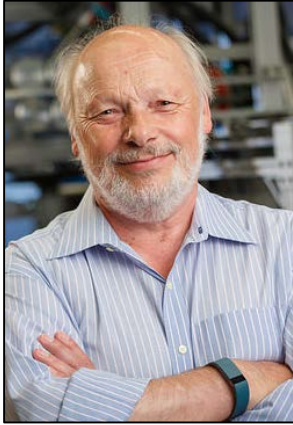


Arthur Haas, his life and his last years at Notre Dame



Prof. Michael Wiescher

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Arthur Haas was a well-known theoretical physicist, one of the founders of quantum mechanics, albeit the only one who did not get the Nobel Prize. Haas was professor at the University of Leipzig and later at the University of Vienna. Besides for his early contributions to quantum physics he was widely known as author of several textbooks on topics of modern physics, including cosmology [1]. In 1935 he emigrated from Austria to the United States. In 1936 he accepted on recommendation of Albert Einstein, a faculty position at the University of Notre Dame. There he continued his work on cosmology and tried to establish relationships between the mass of the universe and the various fundamental cosmological constants to develop concepts for the early universe. Together with Fr. Lemaitre he organized in 1938 the first international conference on Cosmology which drew more than 100 attendants to Notre Dame [2]. Haas died in February 1941 after suffering a stroke during a visit in Chicago. The presentation will discuss his scientific interests and achievements during his life. Most of the presented material comes from the archives of the University of Notre Dame and from the family estate and papers.

[1] A. Haas, "Kosmologische Probleme der Physik," (Akademische Verlagsgesellschaft Leipzig, 1934)

[2] "The Notre Dame Symposium on the physics of universe and the nature of primordial particles," *Science* 87, 487, (1938)

Wednesday

September 28

4:00 P.M.

Rm 118 NSH

Refreshments
in Rm 202 NSH
@ 3:30 pm