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The Support of the International Mathematics Community to Hua Loo-keng.

This presentation explores the support that the self-taught Chinese mathematician Hua Loo-keng (1910 -1985) received from the international mathematics community. This presentation seeks to demonstrate how several mathematicians and scientists offered genuine support to Hua Loo-keng during several stages of his life. At Tsing Hua University in 1934, he was discovered by Norbert Weiner who arranged for him to study with Hardy at Cambridge University. Later it was Hermann Weyl who initiated support to Hua Loo-keng by accepting to edit his mathematical research papers and submitting them for publication in American mathematics journals. Thereafter, Hermann Weyl insisted that Hua Loo-keng travel to the Institute for Advanced Study at Princeton. Hua Loo-keng will be doing research alongside scientists like Albert Einstein, Robert Oppenheimer, and Marston Morse. At the Institute he collaborated with two mathematicians Harry Schultz Vandiver, another self-taught mathematician and Irving Reiner. During the “Open-door” policy in the People’s Republic of China and the last year of Hua Loo-keng’s life, several mathematicians will be there in 1980 to welcome him at several universities in the United States. (Received September 25, 2012)