Part 3

Promotion of Science in His Honor

Learned Societies and Great Scientists Pay Tribute to Källén

“I owe a great debt of gratitude to Gunnar Källén.”
Steven Weinberg (2009)

Källén was a member of several learned societies, among them:

The Royal Physiographic Society in Lund
&

This Part of the book is devoted to what these societies have done for promotion of science, to honor his memory.

Steven Weinberg describes Källén’s work and his own contacts with him in an article, with the title “Living with Infinities”.

Källén, with his passion for the education of young people, supported the creation of the famous Erice School (Ettore Majorana Center) in Sicily, which in return honors his memory by giving scholarships to young scientists, as described in a chapter in this Part.

Källén was very interested in the Lee Model of 1954, looking for guidance and clues as to how to deal with non-perturbative renormalization in quantum electrodynamics. He and Pauli published a joint paper about it in 1955. The author of the Model, T. D. Lee, together with R. Friedberg, has written an article as a tribute to Källén. It appears in the last chapter of this Part.

This Part also includes an article about Källén by Christian Møller and some comments by N. G. van Kampen about the role played by his supervisor, the famous Dutch physicist H. A. Kramers, in connection with the issue of renormalization which was of utmost importance to Källén up until the end of his life. Finally, I (CJ) have examined the issue of a “Nobel Prize to Kramers”.