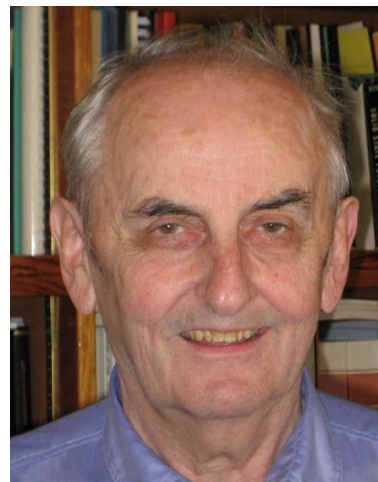


Bernard Coqblin (1940 - 2012) was a well-known expert in the physics of rare earths and actinides. He started his career in Professor Jacques Friedel's group at Laboratoire de Physique des Solides, Université Paris-Sud, Orsay, and obtained the degree of Docteur d'Etat in 1967. The subject of his thesis was the stability of localized magnetic moments in metals, and a description of the α - γ transition in Cerium. He then worked as a postdoctoral fellow with Professor J.R. Schrieffer at the University of Pennsylvania where he derived the “Coqblin-Schrieffer Hamiltonian” which allows a realistic description of the Kondo effect in rare earth ions like Ce or Yb. Until his death in 2012 Bernard continued to actively pursue his research work in



Orsay. His theoretical contributions cover many aspects of 4f and 5f materials, often focusing on the experimental results on magnetic and transport properties: Resistivity, magnetoresistivity, thermoelectric power, thermal conductivity, NMR and neutron spectra, etc. He was always in close contact with many experimental groups all over the world (Poland, Germany, Spain, US, Japan, Croatia, Brazil, France...) and regularly participated in the SCES conference almost every year, the last one in 2011. He organized several international conferences, in particular the SCES conference in Paris in 1998 and was one of the initiators of the series “Journées des Actinides”. Bernard Coqblin has been the advisor of many students, and in particular students from South America (Brazil, Argentina and Venezuela) where he traveled often and had a number of collaborators.