



Félix Hernández Cano, in Memoriam

Professor Félix Hernández Cano was born in Madrid on September 18, 1941. He graduated in Physics at University Complutense of Madrid in 1966, and after 3 years in the Department of Crystallography (Institute of Physical-Chemistry “Rocasolano”, CSIC) working on the crystal and molecular structure of some benzoic acids under Professor Sagrario Martínez Carrera, in 1969 he obtained a Ph.D. from the same university.

His postdoctoral experience through a Ramsey Fellowship in Manchester (UK), under Professor Cruickshank, was especially dedicated to error estimation and development of weighting schemes for X-ray diffraction experiments. After his return to Madrid with the help of a postdoctoral contract at the Institute of Physical-Chemistry “Rocasolano”, he obtained a position as research assistant in 1978, as scientific researcher in 1980 and as research professor in 1986.

He published hundreds of scientific papers with Professors Elguero, Martín-Lomas, Oro, Molina and many other relevant researchers in chemistry. Worth mentioning the articles devoted to the study of molecular chirality and conformational disorder, among others, but especially those aimed at the quantification of molecular conformations in flexible rings.

His most recent projects included those aimed at understanding the non-covalent bond, in which he introduced the *glove-hand* model (vs. the traditional one *lock-key*) to understand molecular interactions.

His death on April 26, 2005, represented a significant loss for crystallography and for all his co-workers and friends.

The colleagues from the Department of Crystallography.