

Obituary

Mkhitar V. Simonyan

(1958 – 2009)



Mkhitar V. Simonyan, born March 30, 1958, in Stepanavan, Armenia, passed away on March 17, 2009. His father, Vachagan Simonyan was a well known in Armenia teacher of physics, mother Olga Aleksanyan was a teacher of Russian literature. In 1974 he graduated in excellence school number one of Stepanavan and entered Physical Department of Yerevan State University.

Starting from education years at University he began his scientific carrier at Institute for Physical Research of Armenian Academy of Sciences (IPR). In 1979 M. Simonyan received MD in radio-physics from Yerevan State University and continued education in post graduate courses in Laboratory of Solid State Physics (IPR) and then at the Institute of Physical Chemistry (Moscow) of Academy of the USSR. He got PhD at IPR on 1989 for the investigations of physical properties of metal-phthalocyanine.

At IPR M. Simonyan was engaged in problems of growth of different type of quasi-one-dimensional metal-phthalocyanin crystals in external electric field and their investigations by the methods of Electronic Spin Resonance (ESR) as well as by reflection spectrum analysis. Further on he successfully applied these methods of investigations to the quasi-two-dimensional high temperature superconducting compounds. These investigations provide him recognition in the field and he was been invited to the Institute for Molecular Science (IMS) in Japan.

At IMS M. Simonyan started his activity as an expert of ESR continuing to work with one-dimensional phthalocyanine conductors. He first succeeded in preparation of a dilute Kondo system of metal-phthalocyanine compounds and then from ESR analysis could extract magnitudes of different intrinsic microscopic parameters of the system. Very soon with his Japanese colleagues he found out and investigated a charge-ordering phase transition in highly-correlated organic conductors. The activity of M. Simonyan at IMS was been recognized by his Japanese colleagues as “very reliable”.

During his activity M. Simonyan was been in collaboration as well as with the scientists of Germany, USA, GB, Russia, China and Latvia. His results were been reported in twenty International conferences.

He was very well-wishing colleague, good family-man and excellent father. Mkhitar Simonyan is survived by two children: son Aram and daughter Olga.

E.G. Sharoyan, A.V. Papoyan, K. Yakushi, V.E. Mkrtchian