



Curriculum vitae

**Director of the 'Semiconductors
and Thin Films Research Lab.' at
Ain Shams University, Cairo**

Mohamed Fathy Kotkata was born on 16 October, 1943 in Cairo, Egypt. He graduated from Ain Shams University, Cairo, in 1966 with a first honour BS in Applied Physics. Then he obtained the MS and PhD degrees in Solid State Physics in 1970 and in 1974, both from the same University.

He was appointed a Lecturer at the Physics Department of the University in the same year, 1974. A year later he was granted a research fellowship abroad for one year by the Ministry of High Education. In 1980, he was promoted to an Associate Professor, then a Professor of Solid State Physics in January, 1985.

Since 1970, he has devoted his research to study the relationship of structure and properties of amorphous semiconductor material issues in technological applications, where, at present, he is the Director of the 'Semiconductors and Thin Films Research Lab' at Ain Shams University. Some of the projects he is persistently following are related to studying the kinetics of amorphous-crystalline transformations, thermal- and radiation-induced defects, electrical and opto-electrical properties as well as thermal analysis of different amorphous semiconducting systems.

He has authored more than 70 scientific papers and review articles, all published in International Scientific Journals and Conferences dealing with

topics on Amorphous and Liquid Semiconductors, Structure of Non-Crystalline Materials and Thermal Analysis. He has supervised or co-supervised about 30 MS and PhD theses in the area of Material Science and Thermal Analysis.

In fact, as he got a special interest in the fields of Physics and Amorphous Semiconductors and Thermal Analysis, he participated in about 30 International Conferences and Workshops all over the world related with these two subjects and others, and as his activities as well as experiences in these fields are internationally acknowledged and approved, he took part in many scientific programs between Egypt and other countries inside and outside the Middle East. For instance, nowadays, he works as the Egyptian principal investigator of different research projects. Moreover, he was elected to be a member of several Committees and Societies such as the Editorial Board of Scientific Bulletin of the Ain Shams University, Egyptian Society of Solid State Physics, Arab Society and Material Research Society of U.S.A.

On the other hand, regarding his social status, he is married to a wonderful wife, who helped and encouraged him. They have just one daughter who is to finish her studies at the American University in Cairo, majoring in Computer Science, Software Programming and minoring in Business Administration.

Prof. Kotkata you are welcome to here.