Magdaleno Medina Noyola
Short CV

Prof. Medina-Noyola has a B. Sc. degree in Physics from Universidad Autónoma de San Luis Potosí (Mexico), and a M. Sc. degree in Physics from the Centro de Investigación y de Estudios Avanzados del IPN (Mexico City). He is a Ph. D. graduate from the Department of Chemistry of Indiana University (1979). After a Postdoctoral period at the University of California at Davis, he became a faculty at the Physics Department of the Centro de Investigación y de Estudios Avanzados del IPN in Mexico City. In 1989 he became a Professor at the Instituto de Física *"Manuel Sandoval Vallarta"* of the Universidad Autónoma de San Luis Potosí.

His scientific work focuses on the theoretical description of the physical properties of soft condensed materials, and his most relevant contribution is the recently-proposed molecular theory of the properties of materials dynamically arrested in non-equilibrium states, such as glasses and gels. Predicting the properties of these materials in terms of their molecular constitution for given thermal, mechanical, of chemical conditions, is one of the most challenging and relevant fundamental problems in materials science and engineering. His work has been reported in more than 125 scientific publications, most of which involve his collaboration with the 19 M. Sc. and 20 Ph. D. students who graduated under his supervision, and which have received more than 2,000 external citations.

Prof. Medina-Noyola has received the most prestigious Mexican scientific and academic distinctions, including the 2013 National Award for Science and Arts (granted by the President of Mexico), the 1990 Research Award in Exact Sciences for young scientists (granted by the Mexican Academy of Science), and the 2005 Luis Elizondo Award for scientific achievement (granted by the Instituto Tecnológico y de Estudios Superiores de Monterrey).