



Do Y. Yoon

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Bio

BIO

Do Y. Yoon is Adjunct Professor of Chemical Engineering at Stanford University since 2012. He obtained his B.S. in Chemical Engineering from Seoul National University, Korea (1969), and earned his Ph.D. in Polymer Science and Engineering from University of Massachusetts Amherst, working with Richard S. Stein (1973). He did his postdoctoral study with Paul J. Flory in Chemistry Department of Stanford University (1973-1975). He then worked in IBM Research Laboratory in San Jose, California as Research Staff Member and Manager of Polymer Physics Group (1975-1999). From 1999 to 2012, he was Professor of Chemistry at Seoul National University, Korea, and served as the Korean spokesperson of the Germany-Korea International Research Training Group on "Self-organized Materials for Optoelectronics" (2006-2012) and also as member of science advisory board of LG Chem (2000-2006). He published about 260 research papers (h-index of 75 and about 20,000 citations), was elected a fellow of American Physical Society (1985), and received Humboldt Research Award by the Alexander von Humboldt Foundation of Germany (1999) and Academic Achievements Award from the Alumni Association of Seoul National University (2017). His research areas included molecular conformations & dynamics, semicrystalline molecular morphology, liquid crystalline state, surface and thin film characteristics of polymers, and structure-property relationships of polymers for information technology, organic electronics, and clean energy. He is a co-editor of "Selected Works of Paul J. Flory" and a co-author of "Paul John Flory: A Life of Science and Friends."