Computer Simulation Modeling of Electrophoretic Deposition

Description by Suming Fang

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On the Wednesday, Dec. 3, 1997 Dr. Ras B Pandey, who is professor in the Department of Physics and Astronomy of University of Southern Mississippi, gave us talk of “Computer Simulation Modeling of Electrophoretic Deposition”.

First, he said, during the past years they did researches in the Computer Simulation Modeling of Electrophoretic Deposition which are in polymer simulations (conformation and dynamics).

He said that fundamental understanding of deposition and surface growth processes has enormous applications in a variety of industries such as manufacturing of semiconductor devices, coatings, paints. when the polymer chains rare driven by a field, their motion tends to cease or slow down as they encounter barriers.