

Prof. Dennis Rapaport

Dennis Rapaport received a Ph.D. in theoretical physics in 1972 from King's College, University of London; his earlier degrees were from the University of Melbourne. He is a Professor of Physics at Bar-Ilan University. He has held visiting appointments at Cornell University and IBM, with shorter working visits that included the University of Georgia, where he is an Adjunct Professor of Physics, Edinburgh and Florida State Universities, Oak Ridge and Daresbury Laboratories, Scripps Institute, HLRZ Julich, and CSIRO. He is a Fellow of the American Physical Society.

His research interests are focused on molecular dynamics applications and methodology, with emphasis on the simulation of emergent phenomena in fluids, granular matter and viral assembly. He is the author of the textbook 'The Art of Molecular Dynamics Simulation' published by Cambridge University Press in two editions. He also explores the use of interactive visualization in physics.