


Personal Information

Full name	Michael C. Tringides	
Current position	Professor and Senior Physicist	
Organization	Iowa State University and Ames lab-DOE	
Country	USA	

Short Biography

Prof. Tringides received his Ph.D. in Physics, University of Chicago, in 1984. He is currently a Physics Professor at Iowa State University and Senior Scientist at Ames Laboratory US-DOE. He is the leader of the FWP (team project) on Surface Structures Far from Equilibrium with interest in growing self organized nanostructures. He has been a fellow of the APS Condensed Matter Physics since 2003 for his pioneering work on measuring surface diffusion on surface overlayers. He has wide range of interests using complementary techniques STM and High resolution diffraction (SPA-LEED). His current work includes structure and morphology of epitaxial graphene, metal growth on graphene , graphene intercalation. His earlier work includes the study Quantum Size Effects in metallic structures, his discovery of magic height Pb islands on Si(111) with a single 7-layer height, and the presence of collective super-diffusion . He has organized two major conference on surface diffusion in 1996 and 2000 and edited the ~1200 (combined) page volumes which are considered as the classic references in the field. The volumes are “Surface Diffusions: Atomistic and Collective Processes” Rhodes, Greece, 1996 and “Collective Surface Diffusion Coefficients Under Non-Equilibrium Conditions,” Prague 2000.