

DSL2020

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Bio: Yuri Mishin is a Professor of Physics in the Physics and Astronomy Department at George Mason University in Fairfax (Virginia). He received his Ph.D. in Solid State Physics from the National University of Science and Technology MISiS in Moscow, Russia. He was a Senior Research Scientist at the National Institute of Aviation Materials (Moscow) before joining the Institute of Materials Physics at the University of Muenster (Germany) as an Alexander von Humboldt Research Fellow. From 1995 to 2000 he was on the research faculty at the Department of Materials Science and Engineering at Virginia Tech before joining George Mason University as a professor. Yuri Mishin's research is focused on theory and computer modeling of physical properties of structural and functional materials, particularly materials interfaces, thermodynamics and statistical mechanics of alloys, phase transformations, diffusion processes, and mechanical behavior of materials.