

Short biography:

Dr. Tuominen is a professor of Physics at the University of Massachusetts Amherst. He is also director of the National Nanomanufacturing Network and co-director of the NSF Center for Hierarchical Manufacturing. His current research includes nanomanufacturing, nanoscale magnetism, superconductivity, proton conductors, and electron transport in bacterial nanowires. He has a bachelor's degree in Chemical Engineering and a PhD in Condensed Matter Physics from the University of Minnesota. He is a fellow of the American Physical Society and serves as a U.S. delegate to the ISO TC-229 Committee on Nanotechnologies. He is currently on sabbatical as a visiting professor at the CEA in Grenoble.

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