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Supratik Guha is the Director of the Nanoscience and Technology Division and the Center for Nanoscale Materials at Argonne National Laboratory, and a Professor at the Institute for Molecular Engineering at the University of Chicago.

Dr. Guha came to Argonne in 2015 after spending twenty years at IBM Research where he served as the Director of Physical Sciences (2010-2015), responsible for IBM's worldwide strategy for research in the physical sciences. At IBM, Dr. Guha pioneered the materials research that led to IBM's high dielectric constant metal gate transistor, one of the most significant developments in silicon microelectronics technology that enabled the continuation of Moore's Law. Between 2010 and 2015, he was also responsible for significantly expanding the size and strategic initiatives of IBM's quantum computing group, which reported to him.

Dr. Guha is a member of the National Academy of Engineering and a Fellow of the Materials Research Society, American Physical Society and the recipient of the 2015 Prize for Industrial Applications of Physics. He is one of only a few scientists who has been a tenured professor, an executive at a major multinational company, and an executive at a major national laboratory. He received his Ph.D. in materials science in 1991 from the University of Southern California, and a B.Tech in 1985 from the Indian Institute of Technology. At the University of Chicago and Argonne, his interests are focused on discovery science in the area of materials and systems for future information processing.