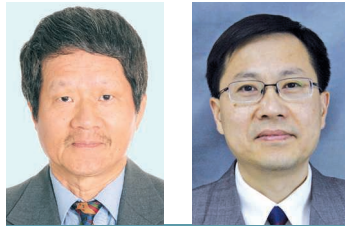


IT IS OUR PLEASURE TO introduce Dr. James B. Spicer as the guest editor of this special issue of *IEEE Nanotechnology Magazine*. Dr. Spicer is an experienced researcher and educator in the field of nanotechnology.

He is a professor of materials science and engineering at The Johns Hopkins University in Baltimore, Maryland. He is the chair of the Materials Science and Engineering Program in the Engineering for Professionals Program and is a member of the principal professional staff at The Johns Hopkins Applied Physics Laboratory. His research focuses on laser-material interactions for advanced processing and materials characterization, including ultrafast studies of nanoscale thermal and acoustic transport,

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# A Special Issue on Nanotechnology Education

polymer matrix nanocomposite processing and characterizations, optical and ultrasonic characterizations of additively manufactured materials, the development of optothermal barrier coatings for space probes, and the characterization of high-energy laser materials.

Dr. Spicer is a member of the IEEE Nanotechnology Council; the IEEE Ultrasonics, Ferroelectrics, and Fre-

quency Control Society; and the IEEE Sensors Council. He is also a member of the American Society of Mechanical Engineers, the Optical Society, the Materials Research Society, and the IEEE Antennas and Propagation Society. Dr. Spicer also serves as an associate editor of *IEEE Nanotechnology Magazine*.



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