


MMS2018 - Delegate Member Biography Form

First Name	Zhiyu	Last Name	Hu
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Biography	Photo
<p>Prof. Dr. Zhiyu (Jerry) Hu (Ph.D. MBA), National Chair Professor of China, is also holding a Zhi Yuan Chair professorship at Shanghai Jiao Tong University and serving as the director of National Key Laboratory of Science and Technology on Micro-/Nano-Fabrication. He is also the founder and director of the Institute of NanoMicroEnergy. Dr. Hu is an adjunct professor appointment at University of Tennessee, Knoxville, Tennessee, USA plus other honorary positions in several universities and institutes. He was a research staff member at Oak Ridge National Laboratory (ORNL) of the U.S. Department of Energy. His research interests are in NEMS- and MEMS-based sensors, nanoscale energy conversion, implantable BioMEMS devices and nanocatalytic materials. Dr. Hu is the author of more than eighty publications in peer reviewed journals; several dozens invited talks; ninety plus conference presentations and fifty published and pending patents. He is the recipient of many awards that includes Discover Magazine Award, National and Regional Federal Laboratory Consortium awards and several awards from ORNL including The Inventor of the Year Award (2000). Dr. Hu's work generated many press accolades and mentions around the world. He is an active member of APS, ASME, ACS, ECS, MRS, IECS and the National Physics Honor Society <i>Sigma Pi Sigma</i>. He is an executive member of Nano Engineering Council of ASME and a committee member of the Sensor Division of ECS.</p>	
	<p>Logo of the Institution</p>
	