

## Prof. Yogendra Joshi

**Title of the Talk:** Mitigating Hot Spots in 2D and 3D Microsystems Using Liquid Cooling

**Yogendra Joshi** is Professor and John M. McKenney and Warren D. Shiver Distinguished Chair at the G.W. Woodruff School of Mechanical Engineering at the Georgia Institute of Technology. He has served as the Principal Investigator of the Office of Naval Research Consortium for Resource-Secure Outposts (CORSO), and Site Director for the National Science Foundation Industry/University Cooperative Research Center on Energy Efficient Electronic Systems. His research interests are in multi-scale thermal management. He is the author or co-author of nearly four hundred publications in this area, including nearly two hundred journal articles. He received a Ph.D. in Mechanical Engineering and Applied Mechanics, from the University of Pennsylvania in 1984. He is an elected Fellow of the ASME, the American Association for the Advancement of Science, and IEEE. He was a co-recipient of ASME Curriculum Innovation Award (1999), Inventor Recognition Award from the Semiconductor Research Corporation (2001), the ASME Electronic and Photonic Packaging Division Outstanding Contribution Award in Thermal Management (2006), ASME J. of Electronics Packaging Best Paper of the Year Award (2008), IBM Faculty Award (2008), IEEE SemiTherm Significant Contributor Award (2009), IIT Kanpur Distinguished Alumnus Award (2011), ASME InterPack Achievement Award (2011), ITerm Achievement Award (2012), and ASME Heat Transfer Memorial Award (2013).

