

Prof. Bhaskaran Muralidharan

BIO:

Prof. Bhaskaran Muralidharan obtained his B.Tech in Engineering Physics from the Indian Institute of technology (IIT) Bombay in 2001, his M. S. and Ph. D in Electrical Engineering from Purdue University, West Lafayette, USA in 2003 and 2008 respectively. Between 2008-2012, he was a post-doctoral associate at the Massachusetts Institute of Technology (MIT) and at the Institute for theoretical Physics at the University of Regensburg, Germany. Since 2012, he has been a faculty in the Department of Electrical Engineering at IIT Bombay, where he is currently a full Professor. His core research area is computational quantum transport and its applications to modeling and simulation of “Beyond Moore” devices. His research output spans diverse areas of emerging nanoscale devices, ultimately built on top of a broad and fundamental foundation of quantum transport. He was also the recipient of the APS-IUSSTF professorship award in 2014, the Shastri Indo Canada fellowship 2019 and the SERB-STAR award in 2019. He is also a recipient of the Excellence in Teaching Award in IIT Bombay. He is also an Associate Editor in the IEEE Transactions on Nanotechnology, on the Editorial board of Scientific Reports and Materials for Quantum Technology (IOP).

