



KA-API WITH KURIOSITY

ADITI DE

is a professor at the Harish-Chandra Research Institute (HRI), Allahabad. She along with her colleagues co-founded the Quantum Information and Computation group (QIC) at HRI in 2009. She was awarded the prestigious Shanti Swaroop Bhatnagar Award in 2018. De's current research focus is on communication and its implementation in the field of quantum physics and the application of concepts in quantum information science, to study many body-systems. She is also interested in using quantum mechanics to study characterization of resource building technologies, and environmental effects on resources that are essential for computer building.

QUANTUM TECHNOLOGIES

The quantum theory of nature, formalized in the first few decades of the 20th century, contains elements that are fundamentally different from those required in the classical description of nature. Based on the laws of quantum mechanics, in recent years, several discoveries have been reported which can revolutionize the way we think about modern technologies. I will talk about such inventions in the field of communication and computation.

***3 pm, Sunday, 16th June 2019,**
Jawaharlal Nehru Planetarium, Bengaluru

* The talk is at 3 pm, not 4 pm as is, usually.

Register: bit.ly/kwk2019june



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