

GCL Event

Spintronics: “A new era in electronics”

DATE : Friday, 24th June, 2016

TIME : 6:00-7:00 PM

VENUE: Global Communication Lounge

PRESENTER: ER. SHASHANK TYAGI

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<http://en.fukuma-lab.info/>

Spintronics is a new research field based on quantum mechanical property i.e. spin of an electron. It is creating new excitements in the scientific world and revolutionizing the computer industry. This lecture will introduce the basic concepts related to spintronics and the way to increase the speed and efficiency of computers using spintronics devices:

- GMR hard disk sensors
- Magnetic Random Access Memory(MRAM)