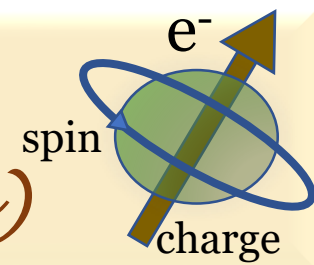




W2S Seminar

(Webinar series on Spintronics)



Hybrid Quantum Spintronics

Speaker:

Prof. Pramey Upadhyaya
Purdue University, USA

Date and time:
05.05.2022 at
8.00 pm IST
i.e. 4.30 pm CET

Abstract

With the promise of lower-dissipation and longer quantum coherence time offered by the spin, in the recent years, a number of fundamental and technological advances have been made in the field of classical and quantum spintronics. However, thus far, the advances in the classical and the quantum domain have largely occurred independent of each other. In this talk, taking the example of integrating dynamic excitations of magnets with quantum spins hosted in solid state platforms, we will present an emerging direction—hybrid quantum spintronics— which merges these advances to explore new phenomena and devices at the interface of classical and quantum spintronics.

To attend the lecture please visit: **Passcode: 925940** Zoom link:
<https://us06web.zoom.us/j/82430709689?pwd=ZlI3NmREM0oxNVR0ZHCwQlVIUKR3UT09>

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