



e-conversion



Seminarankündigung

**Dienstag, 21. Januar 2020
12:00 Uhr**

WSI, Seminarraum S 101

“The silicon-vacancy centre in diamond for quantum information processing”

The silicon-vacancy centre in diamond displays desirable optical properties to use it as a spin-photon interface. Furthermore, it has also been recently shown that its spin possesses a high strain susceptibility making it suitable for spin-phonon interfacing. In this talk, I will review recent progress on the silicon-vacancy physics as well as coherent control of its spin and coherence time for quantum information processing.

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