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## **Seminarankündigung**

Sprecher: **Dr. Peter Stano**  
RIKEN, Japan

Ort: PHY 9.2.01

Zeit: Dienstag, 02.Mai 2017, 14.15 Uhr

Thema: How to measure the spin-orbit interactions  
in a quantum dot

### Abstract

I will review recent experiments with quantum dot spin qubits in n-GaAs (together with some less recent ones done in 2DEG) which aim at measuring the spin-orbit interactions, the Rashba and Dresselhaus term. I will show what was done and that there is one last step to be made to finish this long-term program, namely to figure out which way the quantum dot is oriented. I will also reveal some shocking news about nuclear spins.

Ansprechpartner: J. Fabian