

## **Broadband ferromagnetic resonance for relaxation measurements**

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A better understanding of the magnetization relaxation in magnetic materials is currently of great interest, as low damping materials are of crucial importance for example for spin-transfer torque memories and spin logic devices. Our unique broadband ferromagnetic resonance capabilities cover a frequency range from below 1 GHz up to 55 GHz while at the same time allowing in-plane, out-of-plane measurements and angle dependent measurements. Together with a variable temperature range from 10 K up to 300 K this enables us to distinguish between different relaxation mechanisms.

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