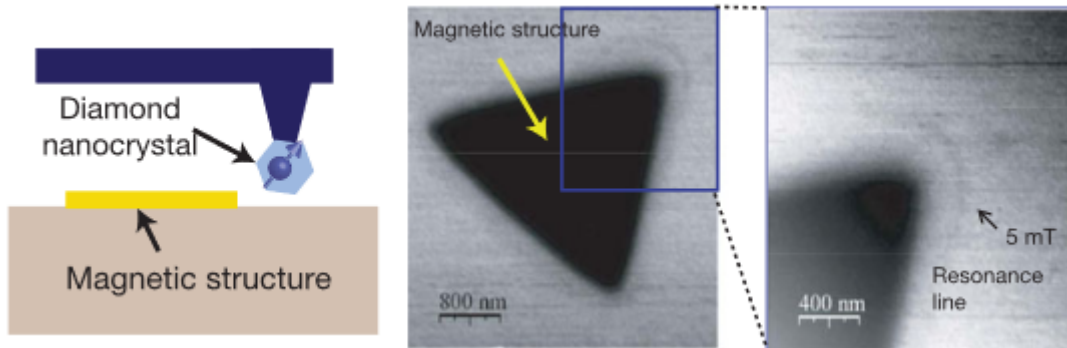


# Nanoscale imaging magnetometry with diamond spins under ambient conditions

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resolution  $\sim 30$  nm  
sensitivity  $\sim 1 \mu\text{T}/\sqrt{\text{Hz}}$