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## Magnetic imaging of spin waves and magnetic phase transitions with nitrogen-vacancy centers in diamond

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**MAGNETIC IMAGING OF SPIN WAVES AND  
MAGNETIC PHASE TRANSITIONS WITH  
NITROGEN-VACANCY CENTERS IN DIAMOND**



# **MAGNETIC IMAGING OF SPIN WAVES AND MAGNETIC PHASE TRANSITIONS WITH NITROGEN-VACANCY CENTERS IN DIAMOND**

## **Proefschrift**

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*About the cover:* Artist's impression of a diamond, containing a nitrogen-vacancy (NV) center (which emits red light), probing a spin wave

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