**Home**

*Welcome! We are a new lab that uses spins in diamond to explore condensed-matter systems, ranging from magnets to quantum devices.*

The magnetic fields generated by spins and electric currents provide a unique window into condensed-matter physics. We focus on studying these fields on the nanoscale using the excellent sensitivity and broad temperature operability of the nitrogen-vacancy (NV) sensor spin in diamond.

The van der Sar Lab is part of the [Department of Quantum Nanoscience](http://www.ns.tudelft.nl/) at TU Delft.

**Openings**

We currently have an opening for a PhD position. See Openings.

**Contact**

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*Directions:* Office F182 in building 22 (see [campus map](http://nsweb.tn.tudelft.nl/uploads/Plattegrond_2010.pdf)). We can be reached from railway station *Delft Centraal* using bus lines 40, 69, 121 or 174