

# KWANTEACH

THEORY IS GREAT, PRACTICE IS BETTER



## The platform for quantum physics education featuring NV Center Diamond

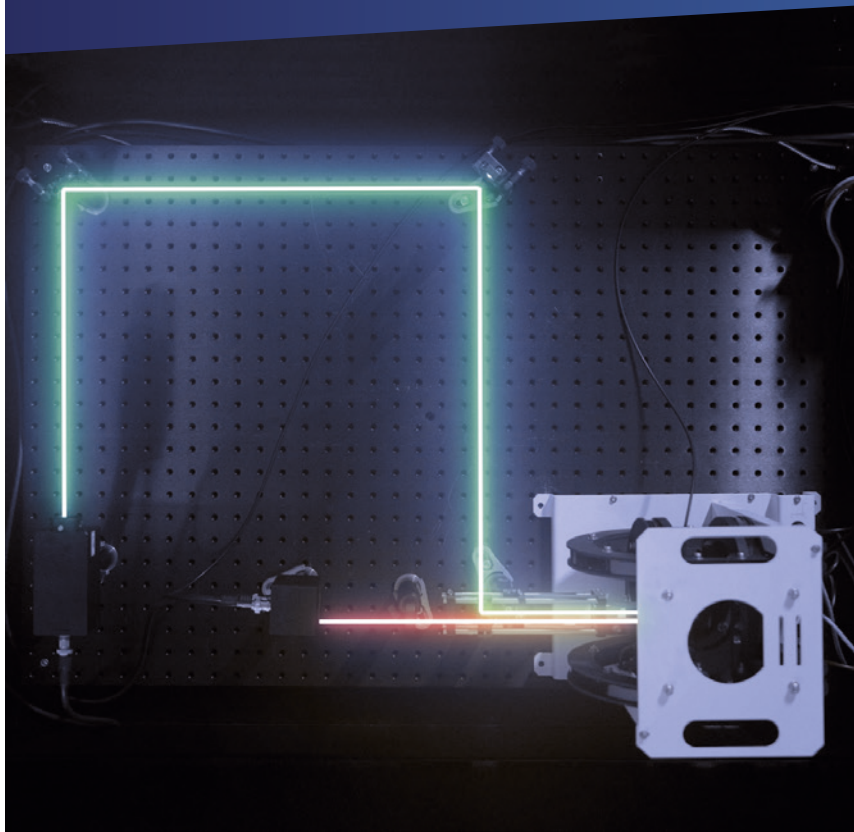
- Simple experimental implementation (no vacuum, no cryogenics ...)
- Modular system allowing great flexibility
- **Practical approach** to complete the theoretical knowledge
- From **Bachelor** to Master to **PhD levels** with 15 lessons

To know more



 kwan-tek

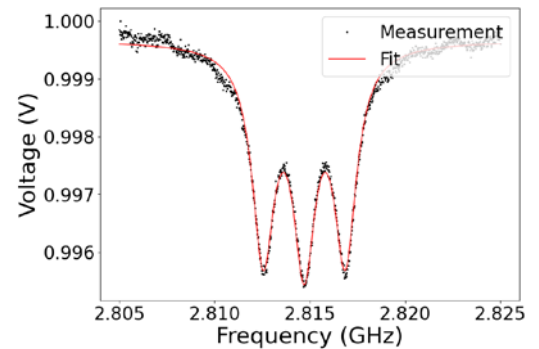
## Base module



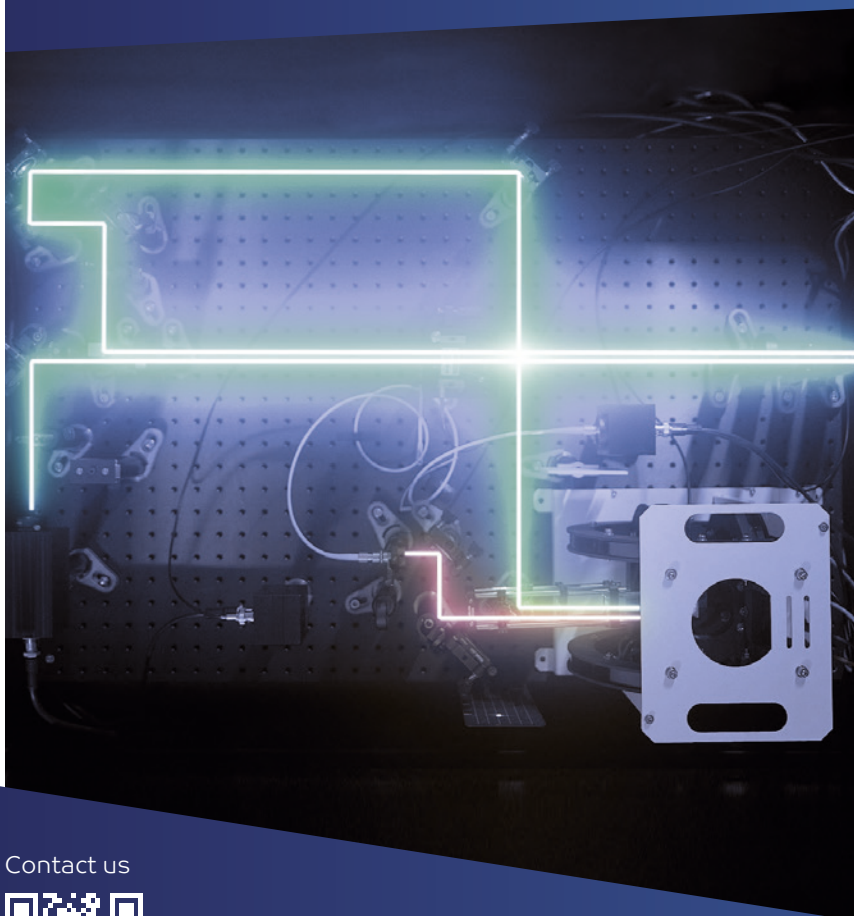
- Optical Detection of Magnetic Resonances (ODMR)
- Zeeman Effect
- Hyperfine levels
- Earth magnetic field measurement

And more...

### HYPERFINE LEVELS ODMR



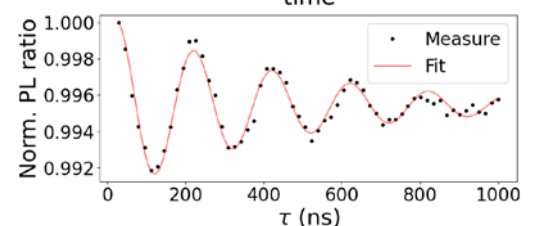
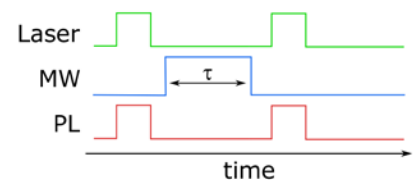
## Pulsed module



- Longitudinal relaxation time T1
- Rabi oscillations
- Transverse coherence time T2\* (Ramsey fringes)
- Dynamic decoupling: coherence time T2<sup>echo</sup> (HAHN ECHO)
- Saturation of a two-level system

And more...

### RABI OSCILLATIONS



Contact us



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