



Canadian Association  
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## **(I) Building Magnetic Intelligence: harnessing quantum magnetometry with the diamond NV-centre for end-user applications**

*Tuesday 8 June 2021 16:30 (20 minutes)*

SBQuantum are building a Magnetic Intelligence Platform to extract additional information from magnetic fields. The platform uses nitrogen-vacancy diamond sensors to unlock the tensor information from the magnetic field before interpreting this data through a suite of proprietary algorithms for the detection and classification of magnetic anomalies. This presentation will dive through the history of SB Quantum which lead to Magnetic intelligence and discuss potential applications of the platform solution as well as upcoming challenges to its deployment.

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