

Update on Metrolab's new developments

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This talk will summarize our progress since IMMW17 on three new magnetometer systems:

- Two new probes in the family of ultra-compact 3-axis magnetometers: one based on a new low-power, 3-axis flux-gate sensor, and another based on a new low-noise integrated 3-axis Hall sensor.
- A major upgrade to the Fast Digital Integrator system built under license from the CERN.
- Our next-generation NMR Precision Teslameter, under development for roughly a decade and now finally approaching completion.

We will present the status of each project, key technical characteristics and some interesting lessons learned.