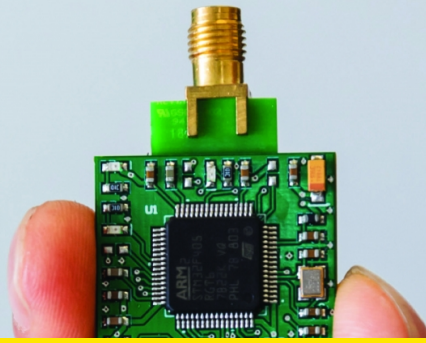




**UNSW**  
SYDNEY



## Underground Positioning Systems

**A wide area geospatial positioning system for underground environments that features high accuracy, robust design, inertial measurement, geomagnetic sensing and low energy Bluetooth communications. Applicable in environments where GPS is unavailable.**

### Competitive advantage

- Low cost
- High accuracy, to 10 cm resolution
- Can be widely deployed quickly
- Suitable for all indoor and other environments where satellite navigation systems are unavailable
- Suitable for equipment tracking

### Impact

- More efficient tracking and management of people and equipment in underground environments
- Geolocation in GPS-denied environments

### More Information

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