Station Calibration of the SWEPOS™ Network

- Lantmäteriet has started in-situ calibration of the SWEPOS stations
  - Want to investigate the SWEPOS stations and their environment before too many changes are done
  - Observations can be used to estimate the biases introduced in computed parameters
  - The poster presents the field surveying and initial results from the study of site-dependent effects on heights in SWEREF 99

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Station Calibration of the SWEPOS™ Network

- Reference antennas placed on benchmarks surrounding the pillar
- Different computation strategies tested
  - antenna models
  - GNSS receiver with multipath mitigation option
- Results indicate that GNSS heights of the SWEPOS pillars systematically are too low by ~10 mm, compared to levelling

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