



BEECON

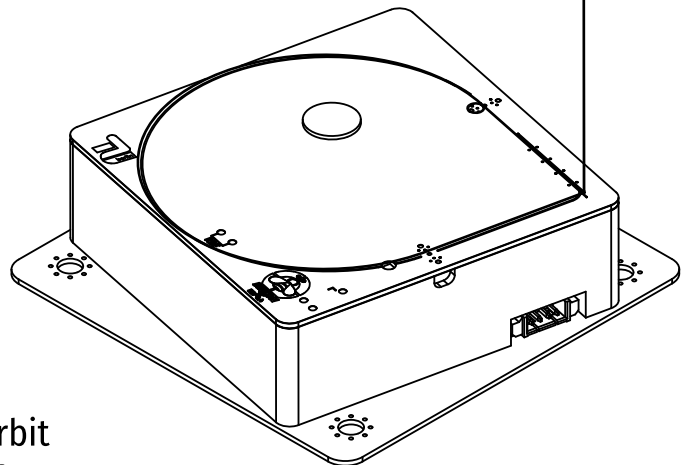
rev 0.4

Miniaturized, open, radio identification and orbit determination system for small satellites

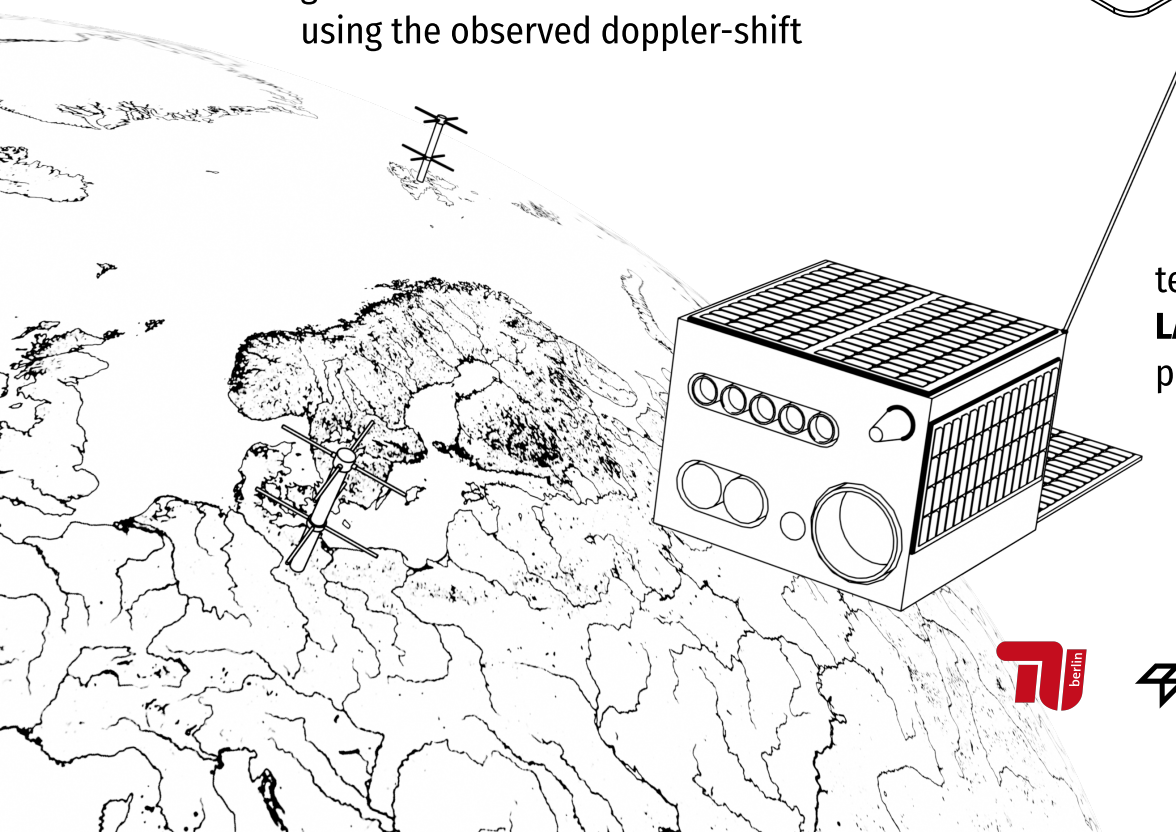
Mission Allow orbit determination for satellites too small for radar tracking (below 1U CubeSat) beyond their lifetime

BEECON broadcasts a resilient spread-spectrum signal at 401.5 MHz containing identification data and telemetry

Open Schematics, CAD and firmware available at codeberg.org/beecon



BEEGND A network of easily constructable, low maintenance groundstations calculates the orbit using the observed doppler-shift



testflight on BRIN
LAPAN-A4 NEO-1
planned for 2027

