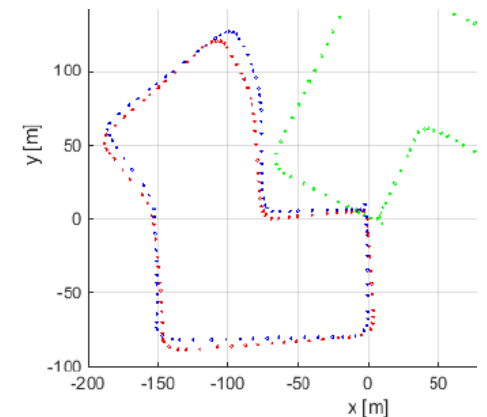
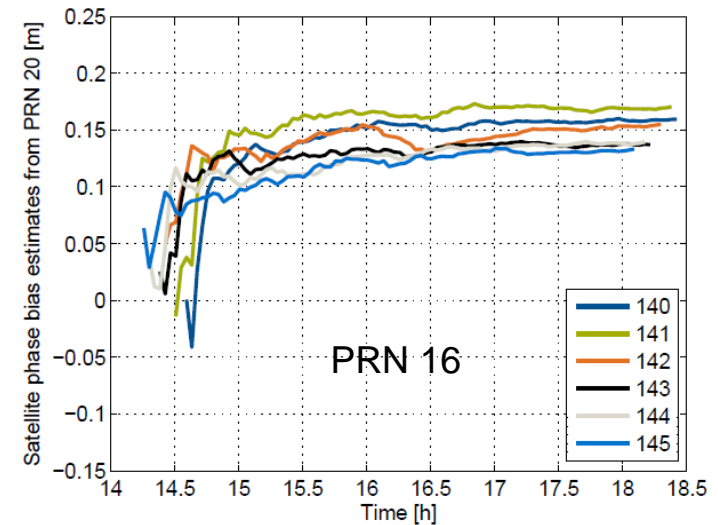


Chair for Communications and Navigation

Christoph Günther,
Patrick Henkel, Gabriele Giorgi

Navigation – Chair

- Position and Attitude Estimation
 - Carrier Phase ambiguity estimation and validation
 - Satellite biases for Precise Point Positioning
 - Robust vector tracking
- Sensor Fusion - Startup ANavS
 - GNSS+INS+Baro+Magneto
 - Multipath mitigation
- Visual Navigation
 - scale estimation for monocular from range measurements



Institute of Communications and Navigation at DLR

- Safe and Efficient Traffic in the Air, at Land and at Sea
 - Robustness
 - Integrity
- Satellite Navigation Systems
 - Signals and Verification
 - Time, Biases
- Global Connectivity
 - Terabps feeder links (1.72 Tbps @ test range)
 - Random Access and Coding
 - Quantum Key Distribution

