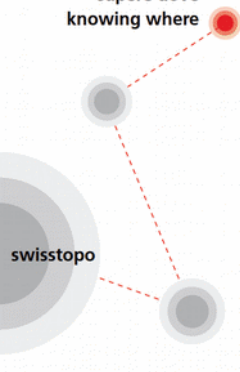




Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

armasuisse
Swiss Federal Office of Topography swisstopo

wissen wohin
savoir où
sapere dove
knowing where



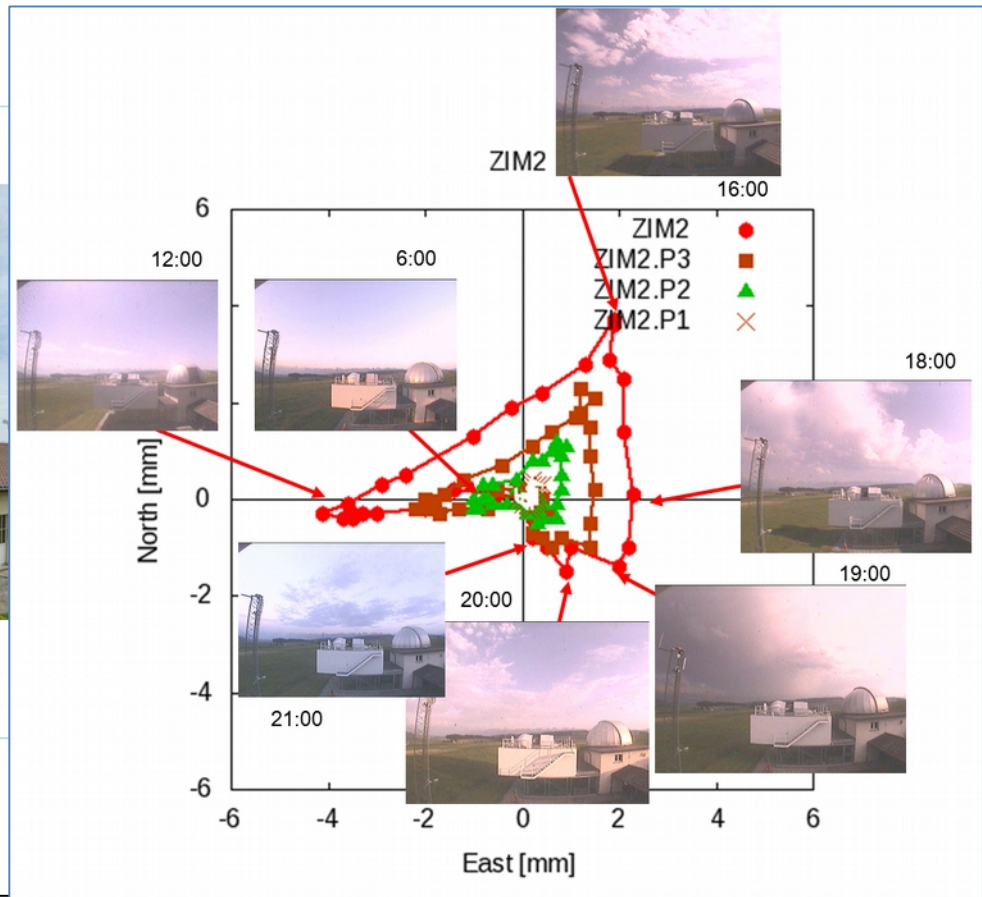
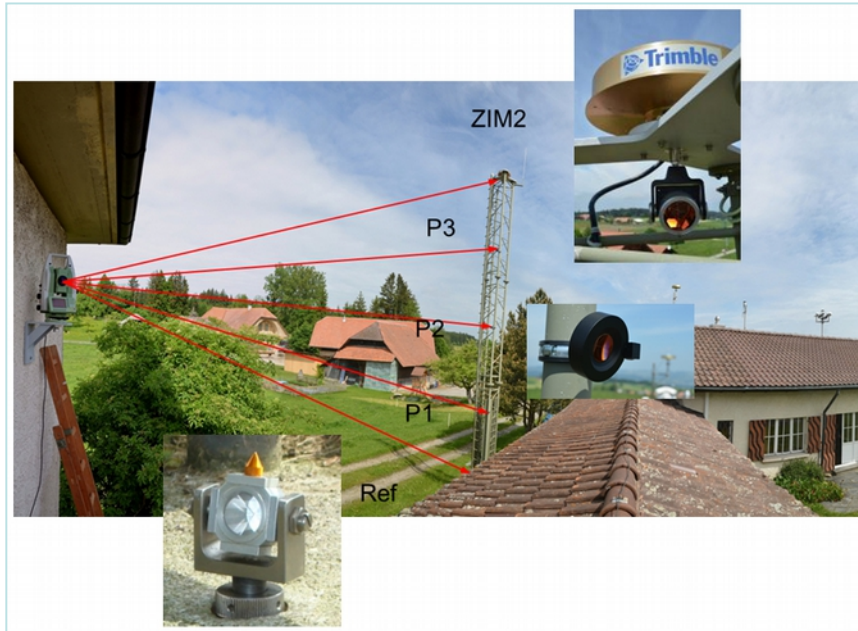
National Report of Switzerland

E. Brockmann, M. Kistler, U. Marti, A. Schlatter, B. Vogel,
A. Wiget, U. Wild



Geostation Zimmerwald: Monitoring

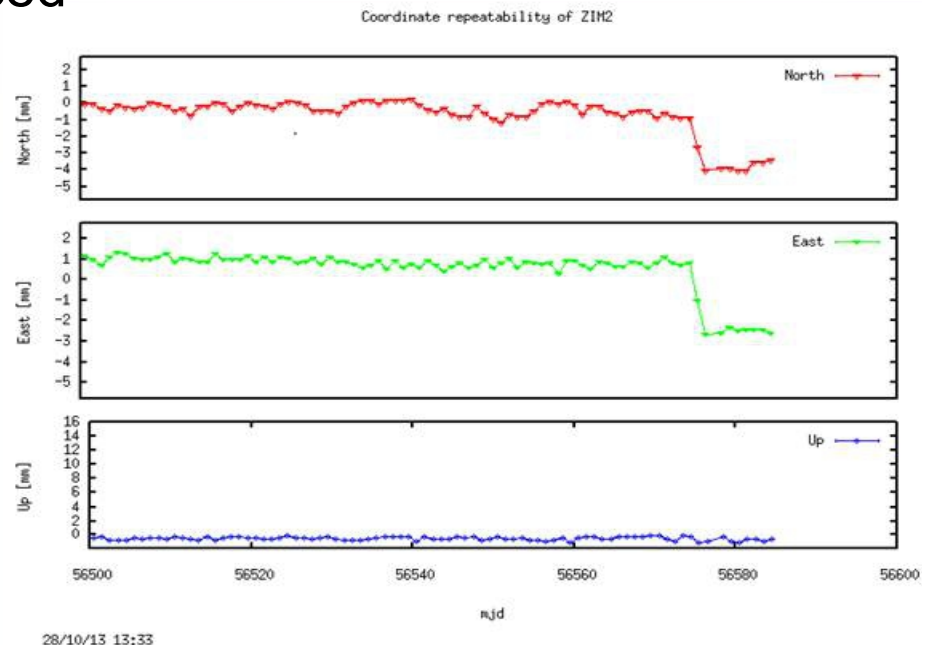
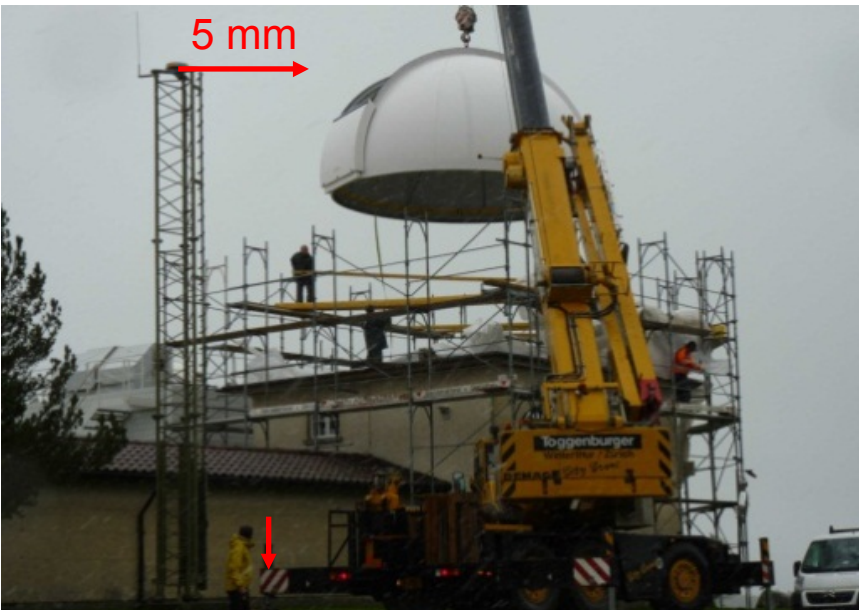
- Successful monitoring of the masts (GNSS+tachymetry) (see Paper Brockmann et al.)





Geostation Zimmerwald: “accident”

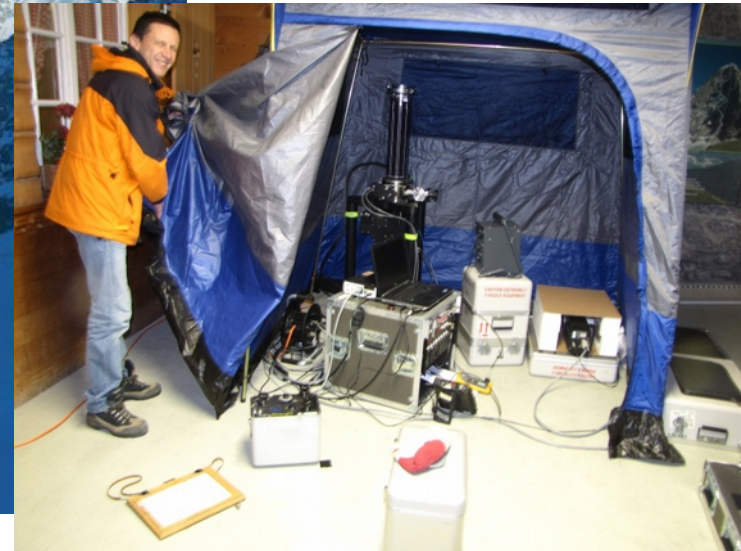
- Mounting of a dome on 10.10.13 - crane stabilized itself too close to the fundament of ZIM2
- “success” of the swisstopo double-station monitoring
- New coordinates ZIM2, mails to EUREF, IGS, users; unfortunately interruption of long-term time series; height fortunately, not influenced





Gravity Calibration line Jungfraujoch

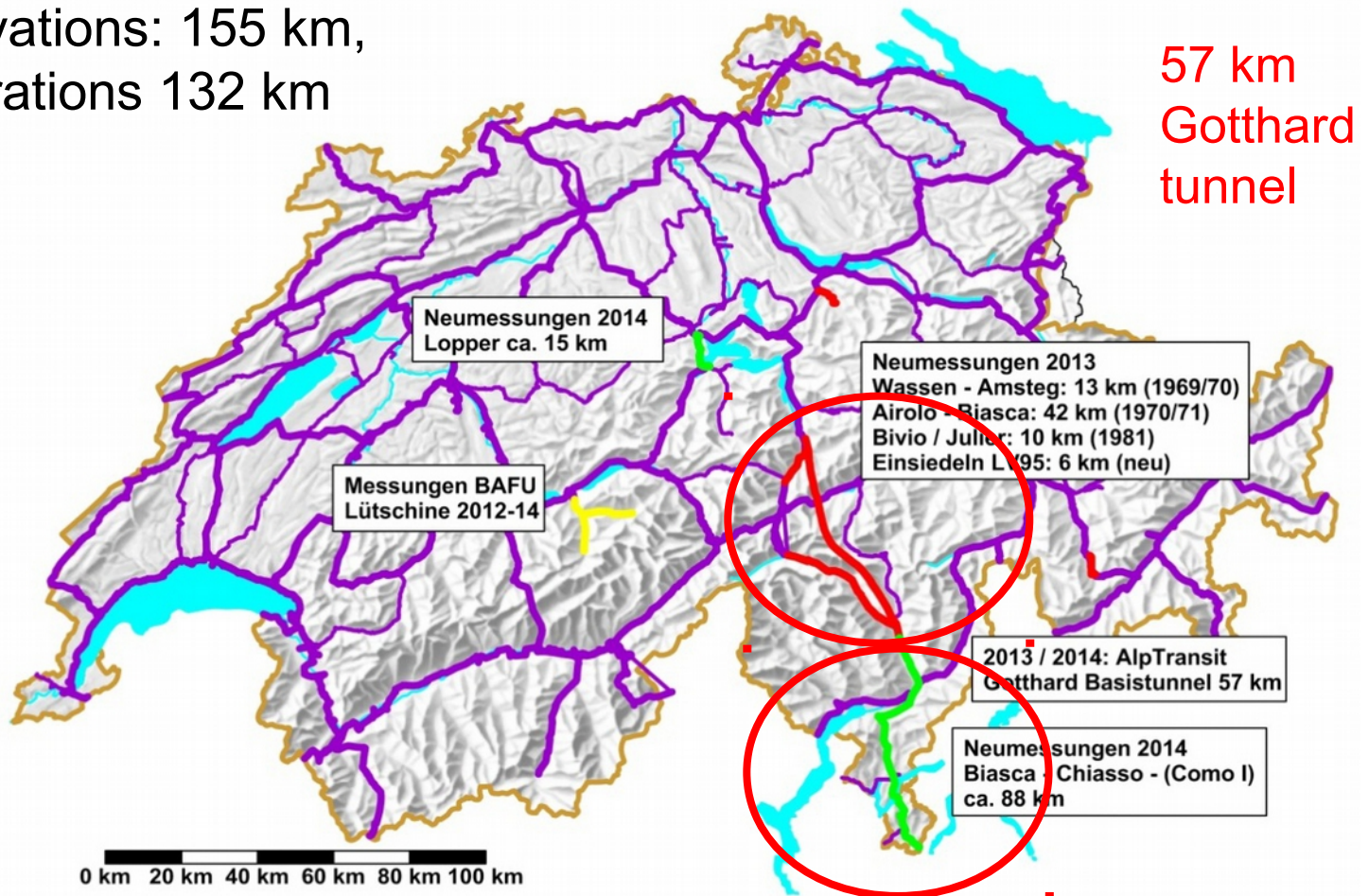
- 7 Stations (with absolute gravimeter)
33 km from 500 till 3500 m dh





Regular levelling work 2013

- observations: 155 km,
preparations 132 km



Connection to stable points in Italy
(September 2014) -> EVRF



Levelling + Gravimetry through 57km Gotthard tunnel

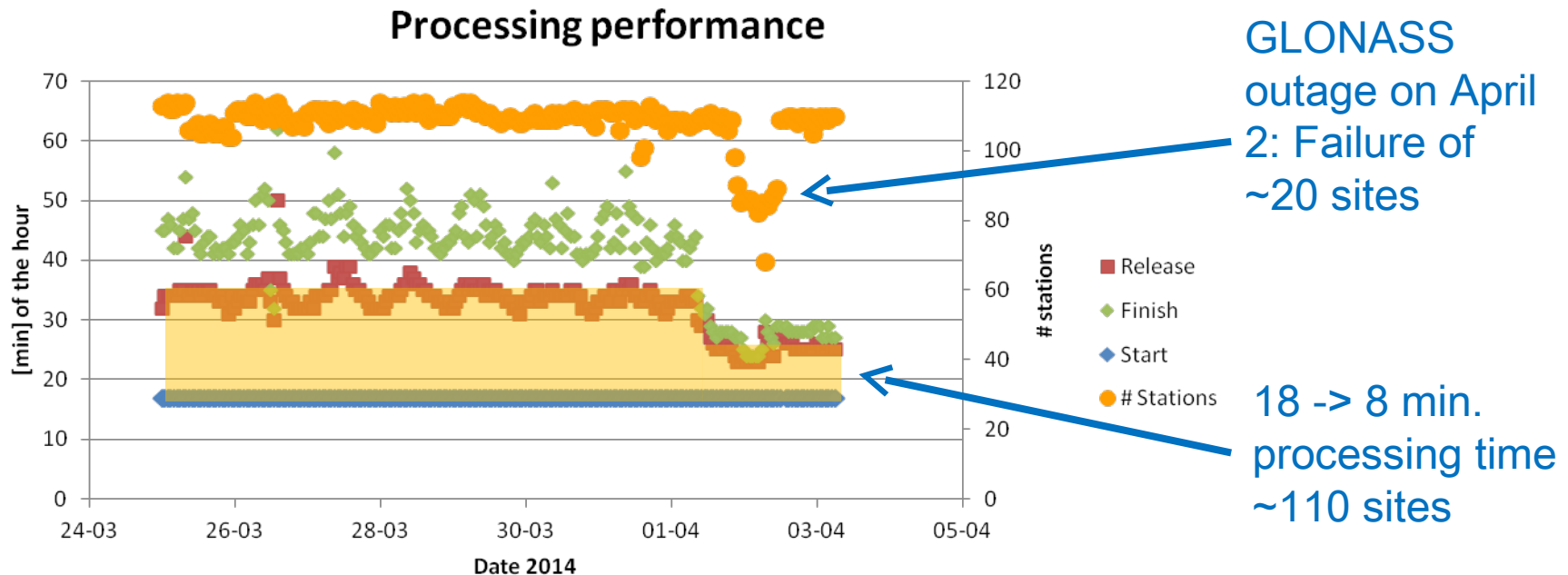




Analysis Center



- New server: moving from suse to redhat Linux OS + more CPUs (8+24 -> 32+32). Operational switch on April 1, 2014
 - Reprocessing: first successful run (see paper Ineichen et al) -> EUREF repro2, GNSS4SWEC
 - Improved performance for hourly and daily solutions





Geodata portal: Control points and Areal Images (2 / 300 examples)

All geodetic control points

320'000 images
(high resolution)

The screenshot displays the Geodata portal interface. On the left, a map shows the region around Altdorf, Switzerland, with numerous red dots representing geodetic control points. A sidebar on the right provides detailed information for a selected point, including its coordinates, elevation, and status. The main map area is overlaid with a grid of red dots, indicating the locations of the 320,000 high-resolution aerial images. A small inset map in the bottom right corner shows a different area, possibly a zoomed-in view of a specific region.

Objektinformation

Höhenfixpunkte HFP1 (swisstopo, Kanton)

Informationen

Nummer
Status
LV03-Koordinaten (Y / X)
LV95-Koordinaten (E / N)
Höhe (H)
Protokoll

Lagefixpunkte LFP1 (La swisstopo, Kanton)

Informationen

Nummer
Status
LV03-Koordinaten (Y / X)
LV95-Koordinaten (E / N)
Höhe (H)
Protokoll

Sie können die Ctrl Taste treffen

swisstopo Thema wechseln

Grundlagen und Planung

Basiskarten

Bodenbedeckung -nutzung

Luft- Satellitenbilder

Kachelung SWISSIMAGE

Luftbilder swisstopo farbig

Luftbilder swisstopo infrarot

Luftbilder swisstopo s/w

Auswahl

Luftbilder swisstopo farbig

Transparenz 0%

Luftbilder swisstopo s/w

Transparenz 0%

Objekt-Information

Luftbilder swisstopo schwarzweiss (Bundesamt für Landestopografie swisstopo)

Informationen

Idnummer
Flugdatum
Flussart
Quickview

19552900020753
19-04-1955

Link Toposhop

Toposhop
Zusatzinformationen
Link zum Objekt

EUREF2014: National Report of Switzerland
Federal Office of Topography swisstopo

<http://map.geo.admin.ch/>

Thank YOU!

Zimmerwald:
reference station for federal surveying
in Switzerland

