

# Program of the 5<sup>th</sup> VieVS User Workshop

September 17 to 18, 2014

TU Vienna, Gusshausstraße 27-29,  
Seminar room 124 – 3<sup>rd</sup> floor



## Wednesday 9:00 – 17:00

- Welcome (Hana Krásná)
- Introduction into VLBI analysis (Johannes Böhm)
- Introduction to VieVS 2.2 (Hana Krásná)
- Demonstration of processing with VieVS – simple session (Johannes Böhm)

Presentations about the different parts of VieVS

- Vie\_SETUP V2.2 (Matthias Madzak)
- Vie\_INIT V2.2 (Younghee Kwak)
- Vie\_MOD V2.2 (Hana Krásná)
- Vie\_LSM V2.2 and Vie\_LSM\_scan V2.2 (Kamil Teke)
- Creation of special files, OPT-files, detecting and solving problems (Younghee Kwak)

Exercises

- Processing of a session with clock break, creating the OPT file, ... (Daniel Landskron)
- Processing Intensive sessions (Armin Hofmeister)
- Superstation and Supersource file – What to do if a new station appears, Earthquake occurs, new source is observed (Matthias Madzak)
  
- VieVS-Wiki (Andreas Hellerschmied)

## Thursday 9:00 – 17:00

Extensions of VieVS (1)

- Vie\_SCHED V2.2 (David Mayer)
- Vie\_SIM V2.2 (Stas Shabala)
- Vie\_GLOB V2.2 (Hana Krásná)

Exercises

- Scheduling + simulation + analysis + global adjustment (Hana Krásná)
  
- Introductory talk to extragalactic radio sources (Stas Shabala)

Extensions of VieVS (2)

- Scheduling of satellite VLBI sessions (Andreas Hellerschmied)
- External tropospheric files (Armin Hofmeister)
- Global GPS-VLBI hybrid observation (Younghee Kwak)
- Planned future development of VieVS (Johannes Böhm)