

# Sixth VieVS User-Workshop (September 23-24, 2015)

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The 6th VieVS User Workshop was held at the TU Wien (Vienna, Austria) from September 23 to 24, 2015 (Wednesday - Thursday).



## Workshop Program

At the workshop the VieVS 2.2 software was introduced to the participants. The program consisted of both, presentations about various VieVS features, as well as practical computer exercises.

The workshop program is available as [PDF file](#) `}}preservefilenames::6th VieVS Workshop 2015 - program.pdf`.

In the following sub-sections we provide all lecture slides and handouts.

### Wednesday, 23.9.2015

- [Introduction into VLBI analysis](#) `}}preservefilenames::WS2015_VLBI_introduction_JBoehm.pdf` (Johannes Böhm)
- [Introduction to VieVS 2.2](#) `}}preservefilenames::WS2015_VieVS_Introduction_SBoehm.pdf` (Sigrid Böhm)
- Demonstration of processing with VieVS - simple session (Johannes Böhm)
- [Vie\\_INIT V2.2](#) `}}preservefilenames::WS2015_vie_init_Kwak.pdf` (Younghee Kwak)
- [Vie\\_MOD V2.2](#) `}}preservefilenames::WS2015_VieMod_Hellerschmied.pdf` (Andreas Hellerschmied)
- [Vie\\_LSM V2.2](#) `}}preservefilenames::WS2015_Vie_LSM_part1_Teke.pdf` (part 1: basics) (Kamil Teke)
- [Vie\\_SETUP V2.2](#) `}}preservefilenames::WS2015_vie_setup_Madzak.pdf` (Plotting tools and data output)(Matthias Madzak)

- [Creation of special files, OPT-files, detecting and solving problems}}](#)}}preservefilenames::WS2015\_Special files, OPT-file and Problems\_Landskron.pdf (Daniel Landskron)
- [Superstation and supersource files}}](#)}}preservefilenames::WS2015\_superstation\_Madzak.pdf – What to do if a new station appears, Earthquake occurs, new source is observed, etc. (exercise) (Matthias Madzak)
- Processing intensive sessions (Armin Hofmeister)
  - [Talk}}](#)}}preservefilenames::WS2015\_VieVS\_Intensives\_Hofmeister.pdf & [exercise}}](#)}}preservefilenames::WS2015\_Intensives\_exercise\_Hofmeister.pdf
- [Estimation of hourly ERP}}](#)}}preservefilenames::WS\_2015\_estimation\_of\_ERP\_Girdiuk.pdf (Anastasiia Girdiuk)

## Thursday, 24.9.2015

- Vie\_SCHED V2.2(David Mayer)
  - [Talk}}](#)}}preservefilenames::WS2015\_VieSched\_Mayer.pdf & [Exercise}}](#)}}preservefilenames::WS2015\_Scheduling\_exercise\_Mayer.pdf
- Vie\_SIM V2.2
  - [Talk}}](#)}}preservefilenames::WS2015\_Vie\_SIM\_JBoehm.pdf (Johannes Böhm) & Exercise (Matthias Madzak)
- Vie\_GLOB V2.2 (global adjustment) (David Mayer)
  - [Talk}}](#)}}preservefilenames::WS2015\_VieGlob\_Mayer.pdf & [exercise}}](#)}}preservefilenames::WS2015\_Global Solution exercise\_Mayer.pdf
- [External tropospheric files}}](#)}}preservefilenames::WS2015\_External\_tropospheric\_files\_Hofmeister.pdf (Armin Hofmeister)
- [Planned future development of VieVS}}](#)}}preservefilenames::WS2015\_Outlook\_JBoehm.pdf (Johannes Böhm)
- [Vie\\_LSM V2.2}}](#)}}preservefilenames::WS2015\_Vie\_LSM\_part2\_Teke.pdf (part 2: station- and source-based parameterization) (Kamil Teke)
- [Introduction to our VieVS-Wiki}}](#)}}preservefilenames::WS2015\_VieVS Wiki\_Hellerschmied.pdf (Andreas Hellerschmied)

# Information for participants

## Venue

The workshop will take place at Technische Universität Wien, Gusshausstraße 27-29. Meeting point on Sept. 23 is the EDV laboratory (room CA 03 34) on the 3rd floor next to stairway 2.

Google maps link: [klick!](#)

# Computing

For the practical VieVS exercises you will need a computer with MATLAB installed.

We can provide a computer for each participant. If you prefer to use your own notebook this is also possible.

**⚠ Please tell us by no later than September 12 2015, if you will bring your own notebook, or if we have to provide a computer for you!** (mail to: [andreas.hellerschmied@geo.tuwien.ac.at](mailto:andreas.hellerschmied@geo.tuwien.ac.at))

## For the notebook users:

- We will provide the VieVS program and the required data on USB drives.
- Internet access via Wifi will be provided
- System requirements for VieVS
  - MATLAB (R2008a or later)
  - Should work with any operating system able to run MATLAB (tested on Windows and Linux)
  - About one GB of disc space

From:  
<https://vievswiki.geo.tuwien.ac.at/> -

Permanent link:  
[https://vievswiki.geo.tuwien.ac.at/doku.php?id=public:user\\_workshop:2015:user\\_workshop\\_2015](https://vievswiki.geo.tuwien.ac.at/doku.php?id=public:user_workshop:2015:user_workshop_2015)

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