

First VieVS User-Workshop (September 7-9, 2010)

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Participants of the 1st VieVS User workshop. From left to right: Dudy Wijaya, Minttu Uunila, Nataliya Zubko, Emine Tanir, Tobias Nilsson, Sun Jing, Kamil Teke, Lucia Plank, Veikko Saaranen, Sigrid Böhm, Hana Spicakova, Andrea Pany, Johannes Böhm, Harald Schuh, Vincenza Tornatore, Matthias Madzak, Joel Botai, and Vahab Nafisi.

Tuesday September 7

- Welcome
- [Introduction to VieVS, background and motivation etc.](#) (Johannes Böhm)
- [General overview of the structure of VieVS, directories and files, download and installation instructions](#) (Tobias Nilsson)
- [Vie_setup](#) (Tobias Nilsson)
- [Vie_init](#) (Tobias Nilsson)
- [Vie_mod Part 1](#) (Lucia Plank)
- [Vie_mod Part 2](#) (Hana Spicakova)
- [Vie_lsm](#) (Kamil Teke)
- [Creating process lists, predefined parameter files, using special TRF and EOP files, etc.](#) (Tobias Nilsson)
- [Creation of OPT-files, detecting and solving problems](#) (Tobias Nilsson)
- Exercises

Wednesday September 8

- [Vie_sim](#) (Andrea Pany)
- [Vie_glob](#) (Hana Spicakova)

- [Vie_sched](#) (Sun Jing)
- [Reprocessing the complete history of VLBI observations with VieVS](#) (Sigrid Böhm)
- [Processing Intensive sessions with VieVS](#) (Johannes Böhm)
- [Automatic download and processing of VLBI data using VieVS](#) (Tobias Nilsson)
- Exercises

Thursday September 9

- [High frequency EOP from CONT campaigns](#) (Tobias Nilsson)
- [ZTD from Cont08](#) (Kamil Teke)
- [Love and Shida numbers](#) (Hana Spicakova)
- [Research studies based on VieVS at KTU VLBI Analysis Center](#) (Emine Tanir)
- [Results from the VLBI data analysis software comparison campaign](#) (Lucia Plank)
- [Satellite tracking using VieVS](#) (Lucia Plank)
- [Future VLBI data format \(IVS wg4, netcdf\)](#) (Johannes Böhm)
- [Planned future development of VieVS](#) (Johannes Böhm)
- Exercises
- Discussion and final remarks and closing of the Workshop

List of Exercises

- [Processing a simple session](#)
- [Estimating high frequency EOP](#)
- [Processing Intensive sessions](#)
- [Finding and correcting for clock breaks](#)
- [Simulations](#)
- [Estimating the displacement of TIGO due to the Earthquake on February 27, 2010](#)

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