

Program of the 9th VieVS User Workshop

September 11 to 12, 2018

TU Wien, Gusshausstraße 27-29,

EDV laboratory – 3rd floor

Tuesday 9:00 – 18:00

09:00-09:05	Welcome (Andreas Hellerschmied)
09:05-09:30	Introduction to VLBI (Johannes Böhm)
09:30-10:00	Introduction to VieVS (Sigrid Böhm)
10:00-10:30	Coffee break
10:30-10:40	Demonstration of processing with VieVS (Andreas Hellerschmied)
10:40-11:00	Vie_INIT (Andreas Hellerschmied)
11:00-11:30	Vie_MOD (Andreas Hellerschmied)
11:30-12:00	Vie_LSM (Kamil Teke)
12:00-13:30	Lunch break
13:30-15:00	Single session analysis (Daniel Landskron) (exercise)
15:00-15:30	Coffee break
15:30-17:00	Multi session analysis (David Mayer) (exercise)
18:30-open end	Dinner at Wieden Bräu (at your own expenses)

Wednesday 9:00 – 17:00

09:00-12:00	Extensions of VieVS: talks + practical exercises One coffee break in between
	<ul style="list-style-type: none">• Global solution with Vie_GLOB (global parameter adjustment) (David Mayer)• Scheduling with Vie_SCHED(++) (scheduling of VLBI sessions) (Matthias Schartner)• Simulations with Vie_SIM + exercise (simulation and analysis) (Matthias Schartner)
12:00-13:30	Lunch break
13:30-14:30	Superstation and supersource files – What to do if a new station appears, a new source is observed, etc. (exercise) (Sigrid)
14:30-14:45	Processing of satellite observations with VieVS (talk) (Andreas Hellerschmied)
14:45-15:00	Ray tracing (talk) (Daniel Landskron)
15:00-15:30	Coffee break
15:30-16:00	Intensives sessions (talk + exercise) (Matthias Schartner)
16:00-16:30	From correlation on the Vienna Scientific Cluster to VieVS (Jakob Gruber)
16:30-17:00	Planned future development of VieVS (Johannes Böhm)

Thursday 9:00 – 12:00

09:00-12:00	Correlation and fringe fitting demonstration (Jakob Gruber)
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