

## Current status and future plans for VieSched++

*Friday, 29 October 2021 14:00 (0:15)*

### Content

Within this presentation, we will give a brief overview of the development status of the VLBI scheduling software VieSched++ as well as show our future plans. The last bigger update was published end of April and was related to integrating satellite observations. Since then, development has focused on smaller bug fixes and increased automation for operational use. The next bigger update is planned to incorporate VEX2 support in VieSched++. Currently, the use of .skd files instead of .vex files is a significant limitation in geodetic VLBI - especially for VGOS where it is almost impossible to generate new schedules without extensive expert knowledge. With the enhanced support of VEX2, it is required to also define new scheduling catalogs. The current sked-catalogs have a large number of limitations and several workarounds are necessary for both, SX and VGOS sessions. Many of those workarounds are not even documented. This talk aims to provide some background information to initiate further discussions regarding a transition from .skd to .vex files, improvements in scheduling, as well as new catalog designs.

**Primary author(s) :** SCHATNER, Matthias (ETH Zurich)

**Co-author(s) :** SOJA, Benedikt (ETH Zurich)

**Presenter(s) :** SCHATNER, Matthias (ETH Zurich)

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