VITESS

- Virtual Instrumentation Tool for the ESS
- Originally only TOF type instruments but now cover all types
- Had early implementation of polarized neutron techniques
- Is intrisically parallelized by running a set of single executables that talks via pipes, but efficiency can drop somewhat along beamline (now includes options for system-level parallelization via "helper threads"
- Easy to use GUI and no compilation
- Hard(er) to include your own developments
- C-code with little overlap between individually developed modules
- Website http://www.helmholtz-berlin.de/vitess
- Developed by K Lieutenant and his team (HZB) and Sergei Manoshin (JINR)
- Windows, Linux, Mac OS X
- GPL License

- My 0.02$: VITESS has a low learning curve and works very well. Can be hard to do more complex things. Full visualization of the instrument is being developed.