

# 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 intrinsically 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
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- 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.