

Remote Participation Tools at TEXTOR

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Remote participation is a term which consists of several levels. It has gained an increasing interest with the shut down of small experiments and participation of associations in larger experiments. Also at TEXTOR remote participation becomes more and more important with an increasing number of collaborations. The collaborations with other institutes consists of remote data analysis as well as remote participation in experiments and even sometimes the control of diagnostics from a remote place.

At TEXTOR we differentiate between active and passive remote participation. The latter one is also called off line participation because no interaction during the experiment is necessary. Only data retrieval and analysis is done by the participating scientists. This is easily realized at TEXTOR. The active or online participation needs additional tools, especially communication between the participating scientists. But also full access to the several password protected tools is necessary. In addition scientists from other laboratories may want to control their diagnostic. This can be the control of the data acquisition only, but also the control of the set up of the the diagnostic.

Furthermore the experiment preparation phase (shot time request and experiment scheduling) must be transparent for scientists from other laboratories. In addition the publication request of the scientists from different collaborations must fulfill the TEXTOR rules and undergo a clearance procedure. Also on these topics tools have been developed.

The paper will describe the different tools which have been developed together with the users and how they are used in daily experiments.

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