



Contribution ID: 544

Type: **Invited Oral**

## Status of the US Virtual Laboratory for Technology

*Monday 5 June 2017 17:40 (20 minutes)*

The Department of Energy Fusion Energy Sciences (FES) program created the Virtual Laboratory for Technology (VLT) in 1998 with the goal of establishing a single entity with central leadership that would connect all aspects of the FES Technology Program. Since its inception, the VLT has been successful in conducting high quality research in support of the fusion energy sciences program mission as well as representing the technology program within the fusion community. The VLT represents the diverse activities of US Universities, Laboratories, and Industry involved in fusion technology research and development, and is organized into technical program elements that span the spectrum of technologies required to carry out its mission.

While technical work at each of the member institutions has continued, the VLT has been reinvigorated over the last year following a roughly two-year hiatus. An overview of the current activities, new activities that have recently been initiated, and discussions of plans will be presented.

### Eligible for student paper award?

No

**Author:** Dr FERGUSON, Phil (Oak Ridge National Laboratory)

**Presenter:** Dr FERGUSON, Phil (Oak Ridge National Laboratory)

**Session Classification:** M.OP3: Next Step Devices, DEMO, Power Plants

**Track Classification:** Next step devices, DEMO, power plants