



Contribution ID: 49

Type: **Workshop/BoF proposal**

Parallel visualization on Lengau with Paraview and VisIt

Sunday, 3 December 2017 13:30 (20 minutes)

This workshop will touch on the following topics:

1. Overview of the 3D visualization codes Paraview and VisIt
2. Similarities and differences between Paraview & VisIt
3. Limitations of single core processing of large data sets
4. OpenGL, VirtualGL and Mesa
5. Different approaches to remote visualization - VNC or X-forwarding
6. Different approaches to parallelisation
7. Decomposed datasets
8. Tutorial illustrating remote parallel visualization with Paraview
9. Tutorial illustrating remote parallel visualization with VisIt
10. Introductory remarks on the concept of in-situ visualization
11. Concluding remarks

HPC content

Parallel visualization is an integral part of High Performance Computing.

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Session Classification: Sunday Workshop: Parallel visualization on Lengau with Paraview and VisIt

Track Classification: Workshops