

Wir schaffen Wissen – heute für morgen

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Reactive transport with OGS-GEMS:

Postprocessing with paraview

Output results are stored in VTK legacy format:

Advantages:

- VTK format is readable by several commercial and freely available (open-source) tools
- Human readable (ascii) format
- Can be very simply processed with batch scripts (e.g. under linux)

Disadvantage

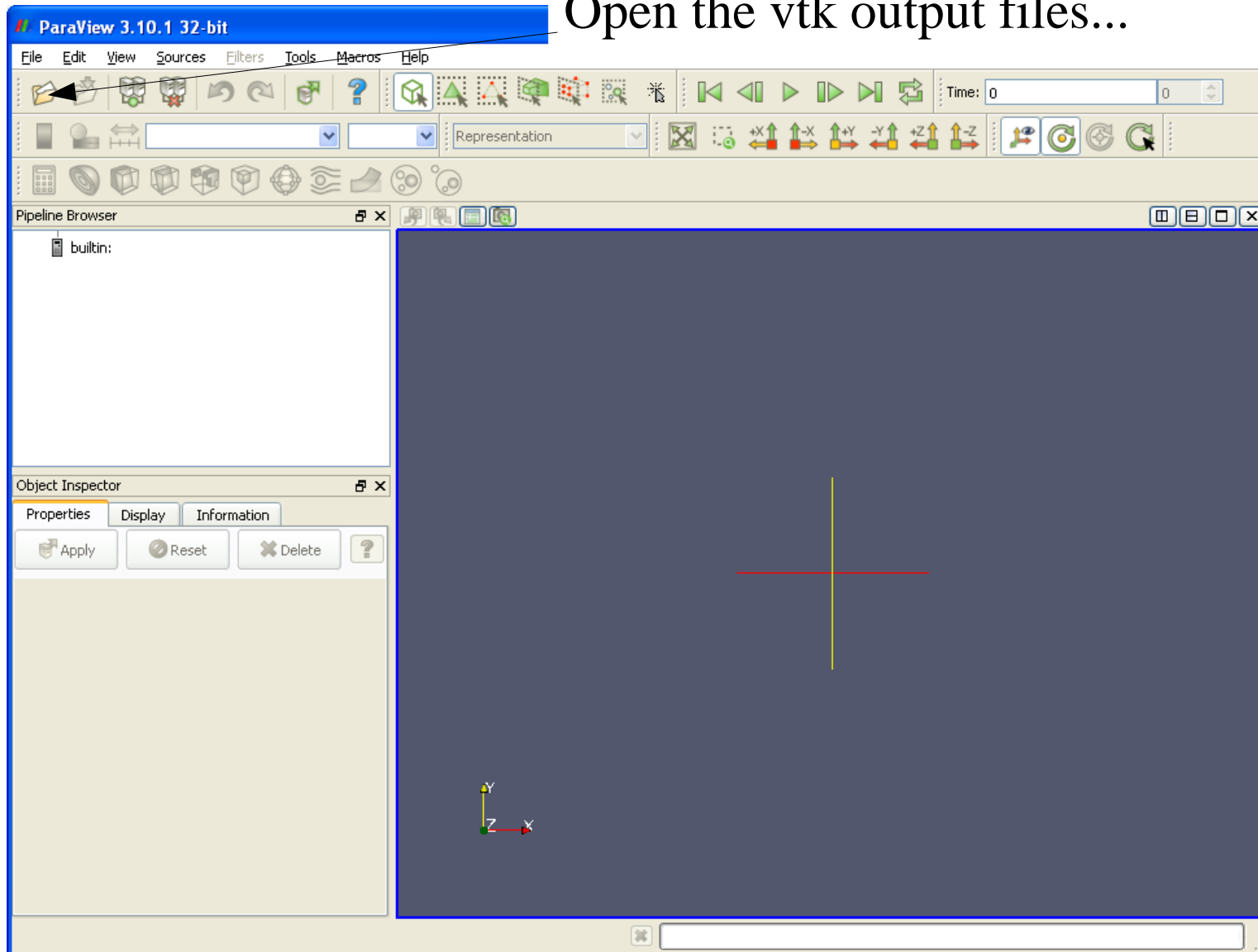
- May need considerable amounts of disk space for many time-steps or big systems

Paraview tutorial on the web:

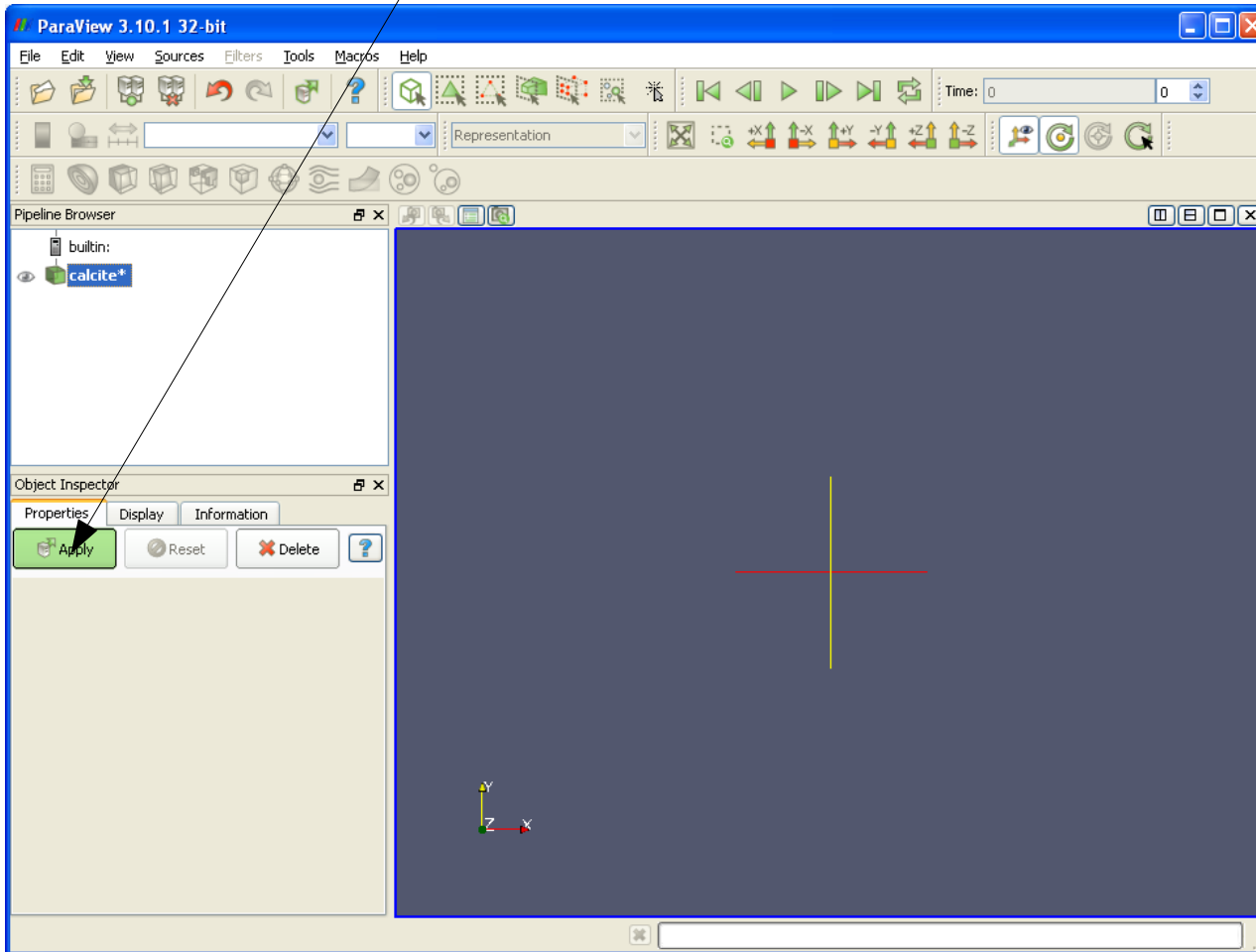
<http://www.vtk.org/Wiki/images/2/2d/ParaViewTutorial310.pdf>

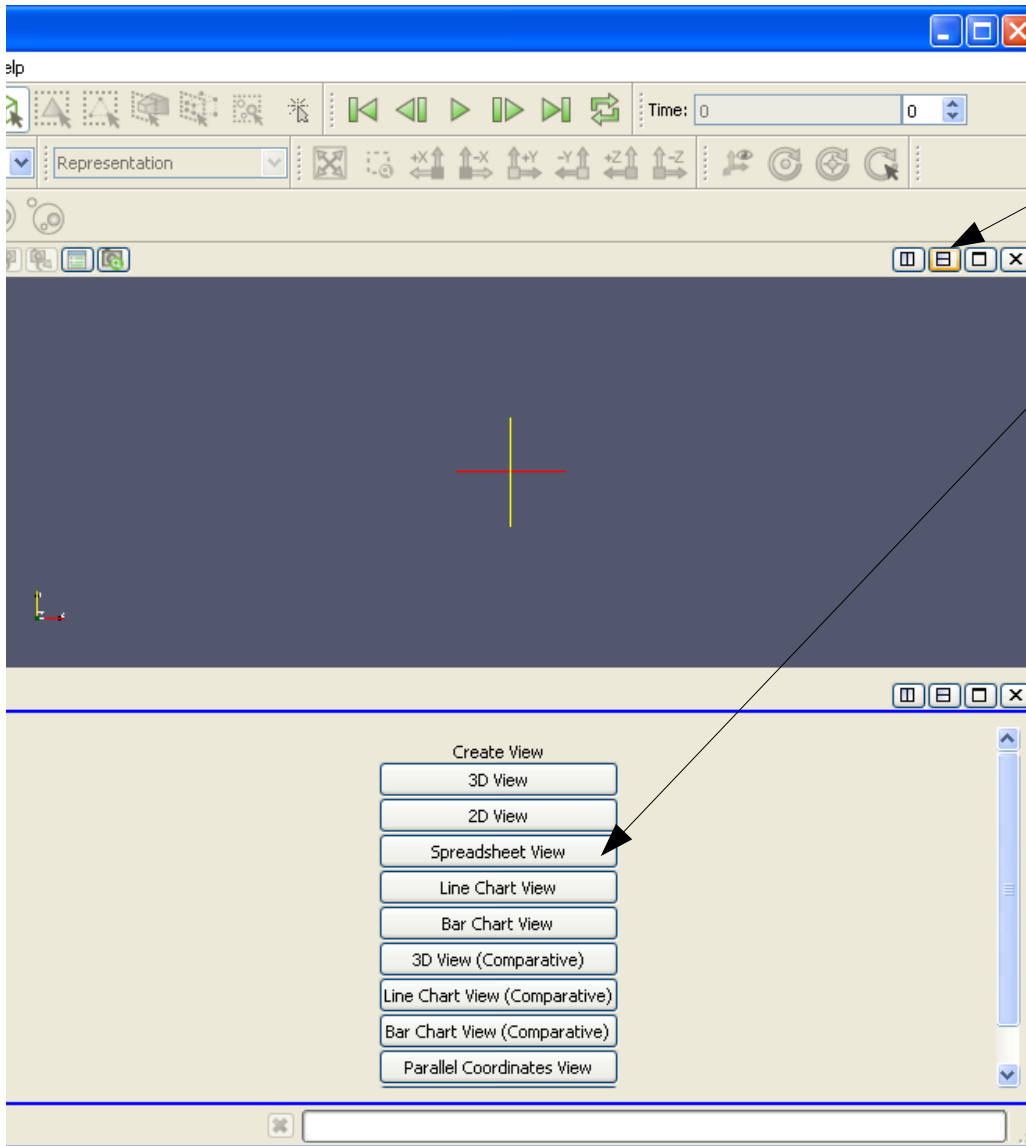
From within paraview you can easily process data, produce figures, or extract and export data to spreadsheet programs or other scientific software.

Open the vtk output files...

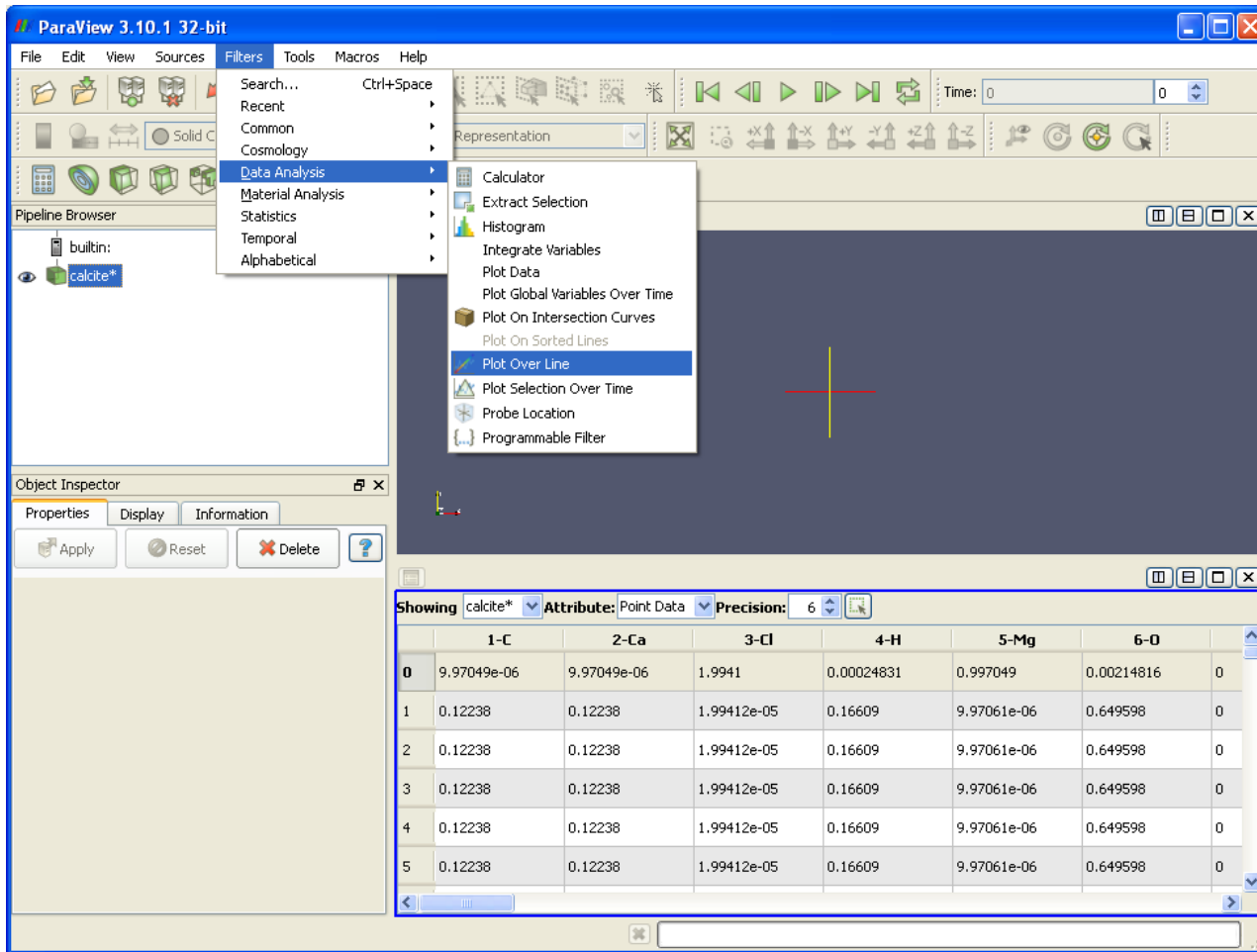


Press apply....

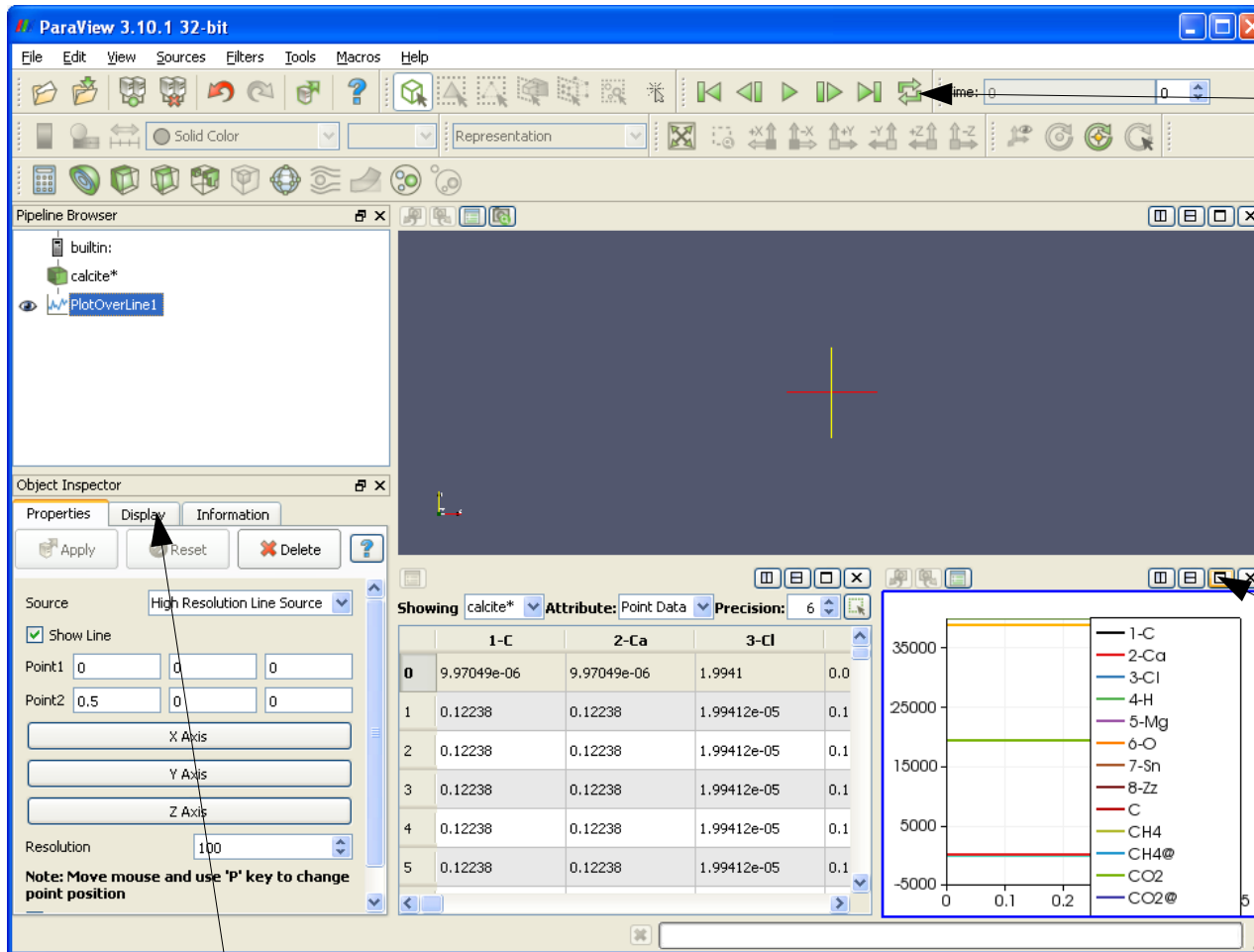




Choose split screen
and choose
spreadsheet view in
the new window.



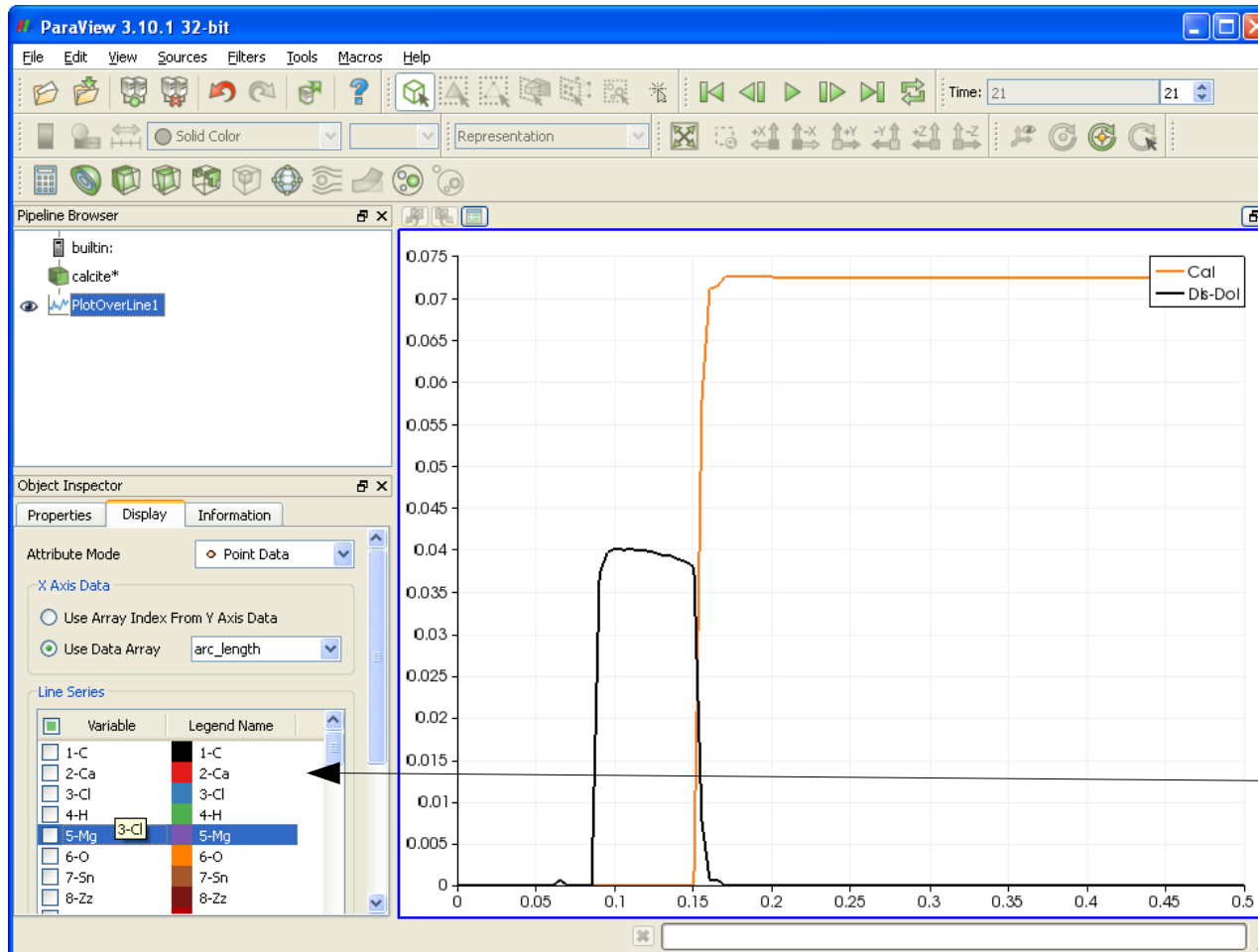
Add a line viewer filter for some more meaningful view of one-dimensional meshes (or profiles).



Change the visible time step

Maximize a window here

Select display to change the variable(s) drawn in the line viewer window



Select
variables to
plot and adjust
line style,
colours,
symbols

Thanks to Dimitrii Kulik for the excellent work on improving GEMS-PSI and to Haibing Shao and the OGS-community for the OGS-GEMS coupling.





TS

**"What do you mean Rumpelstiltskin is
too long for a password?!"**