

# BULK DYNAMICS – HANDS-ON

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SLACK: [# JULY27-28-BULK-DYNAMICS](#)

INSTRUCTIONS: [ON GITHUB](#)

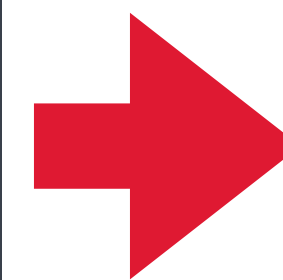
# TROUBLESHOOTING

- ▶ If you get the following warnings, that means you didn't compile the framework with `-DUSE_FREESTREAM=ON`.

```
[Info] 154MB JetScape::DetermineTaskList() -- Initial State: Added Trento module to task list.  
[Warning] void Jetscape::JetScape::DetermineTaskListFromXML() : FreestreamMilne is attempted to be added, but freestream is not installed!  
[Info] 154MB JetScape::DetermineTaskList() -- Hydro: Added MUSIC to task list.  
[Info] 154MB Set ID to: MUSIC  
[Info] 154MB JetScape::DetermineTaskList() -- SoftParticlization: Added iSS to task list.  
[Info] 154MB JetScape::DetermineTaskList() -- JetScapeWriterAscii (test_out.dat) added to task list.
```

- ▶ To make the framework run, please modify the XML files in `hydro_session/config/` folder in the following way

```
<!--Preequilibrium Dynamics Module -->  
<Preequilibrium>  
  <!-- starting long. proper time for Preequilibrium dynamics -->  
  <tau0>0.1</tau0>  
  <!-- switching long. proper time from Preequilibrium dynamics to Hydrodynamics (Landau Matching) -->  
  <taus>0.2</taus>  
  
  <!-- Individual Preequilibrium Dynamics models -->  
  <FreestreamMilne>  
    <name>FreestreamMilne</name>  
    <freestream_input_file>freestream_input</freestream_input_file>  
  </FreestreamMilne>  
</Preequilibrium>
```



```
<!--Preequilibrium Dynamics Module -->  
<Preequilibrium>  
  <NullPreDynamics> </NullPreDynamics>  
</Preequilibrium>
```

- ▶ This is for you to copy

```
<!--Preequilibrium Dynamics Module -->  
<Preequilibrium>  
  <NullPreDynamics> </NullPreDynamics>  
</Preequilibrium>
```