

# Open Points

## ❖ Required Sensors and Actuators

- ❑ Electrical Wires Heat Load
- ❑ Electrical Wires Connection Scheme: Thermalized vs Non-Thermalized

## ❖ Heat Link Vibration Isolation System

- ❑ Dedicated Study: Isolation Level, Cutoff Frequency, Deployment and Connection in the Cryostat

## ❖ Thermal Simulations of the baseline ET-LF Payload:

- ❑ Steady-state vs Transient Simulations of baseline design vs number of heat links
- ❑ Thermal noise budget with heat links and electrical cables
- ❑ Trade-off based Heat Link Number

