

ET ISB-wide Workshop on March 29/31 2021

Discussion on ET-LF Mirror Temperature

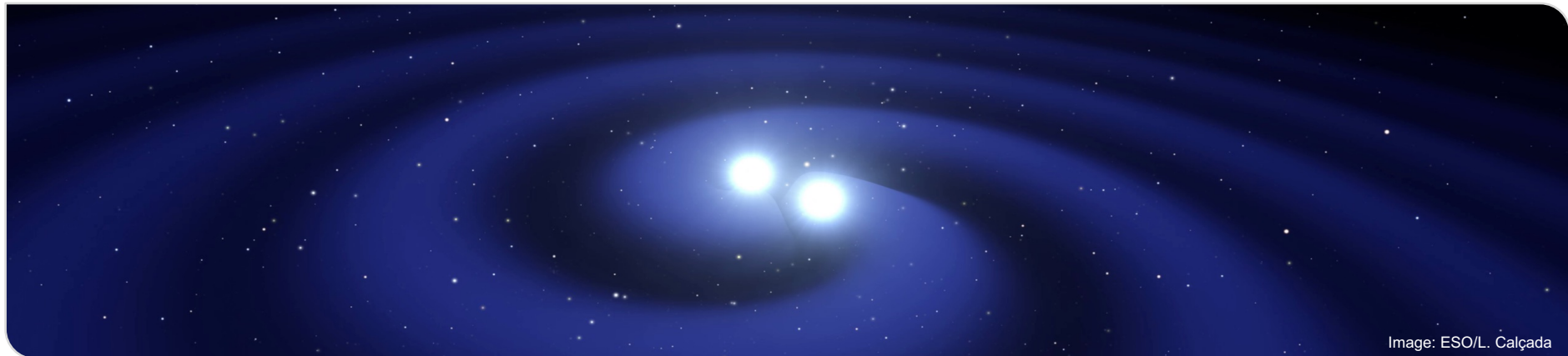
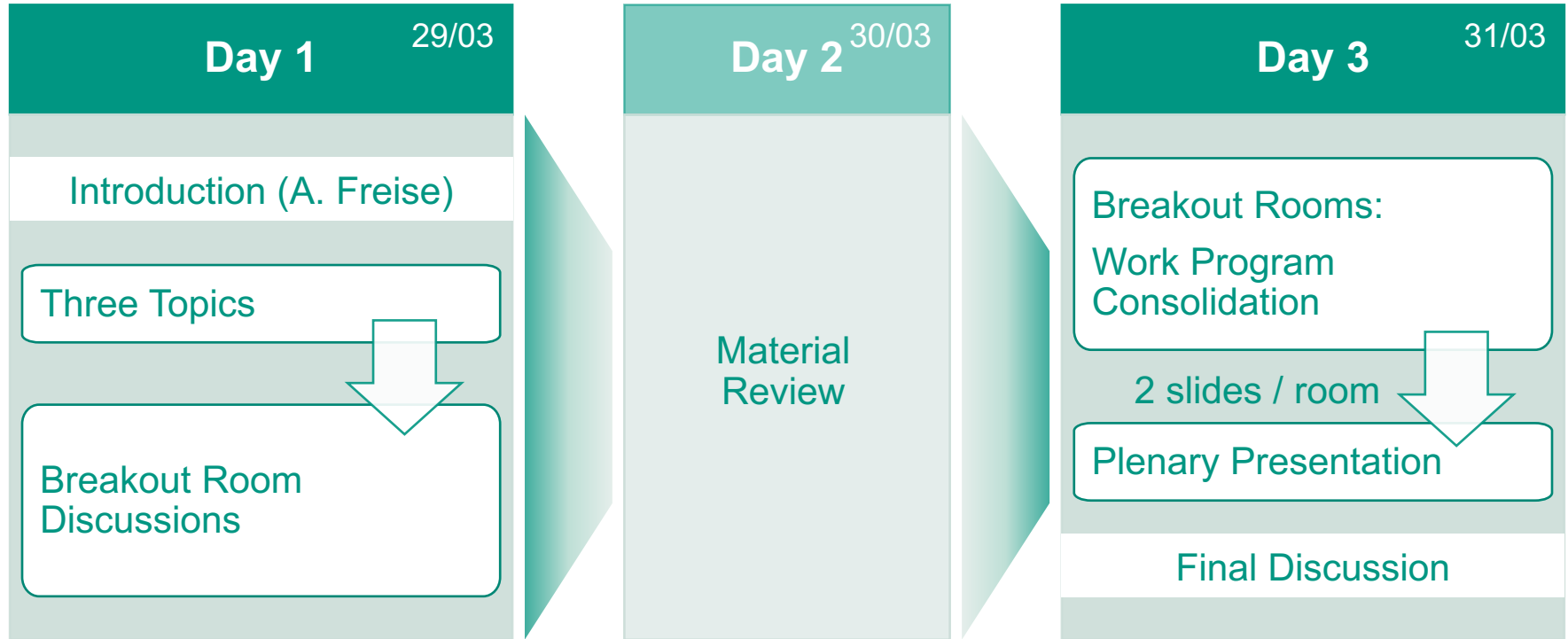
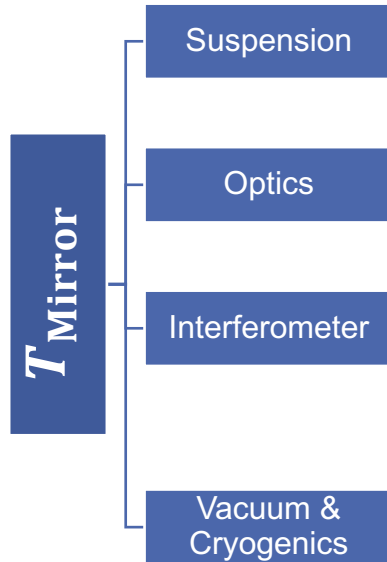


Image: ESO/L. Calçada

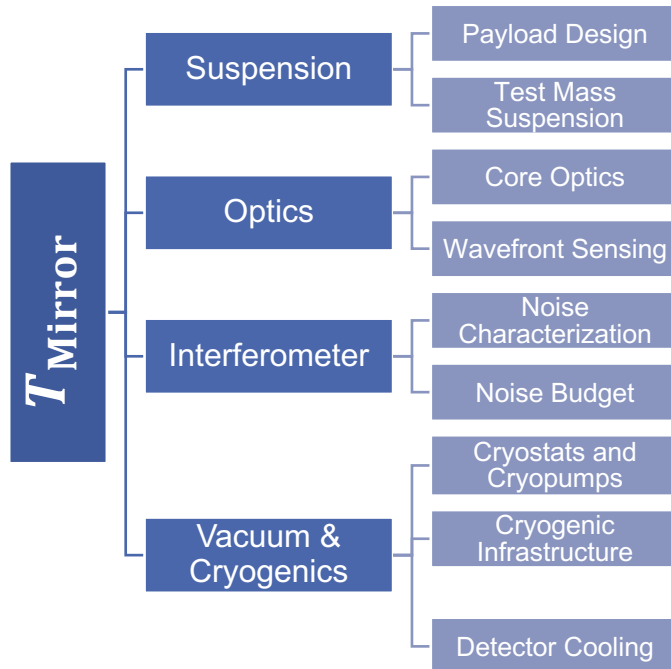
ET ISB-wide Workshop Structure



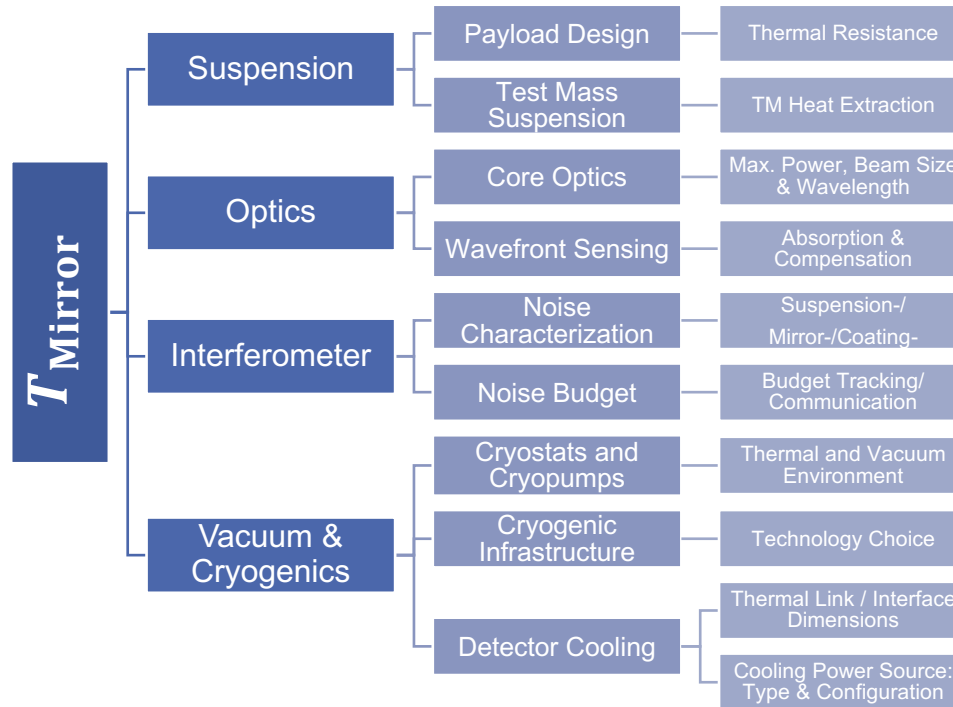
Involved ISB Divisions



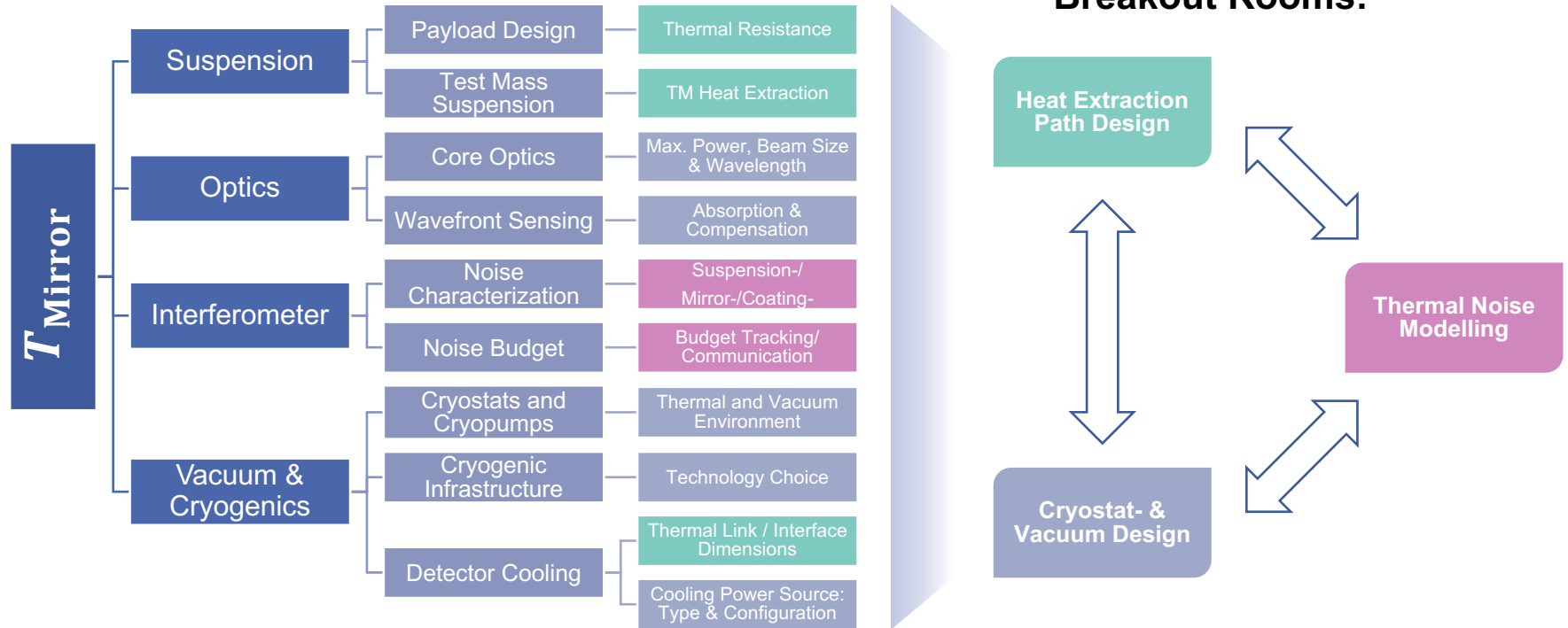
Affected Work Packages



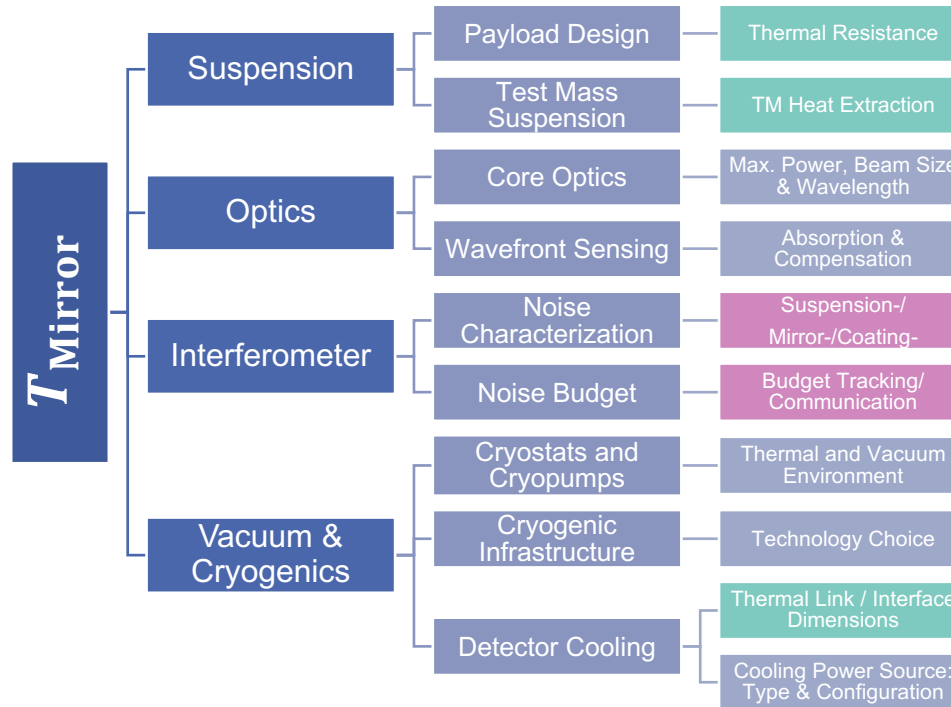
Presumed Influential Aspects



Contributing Aspects – Collaboration Potential



Breakout Room #1



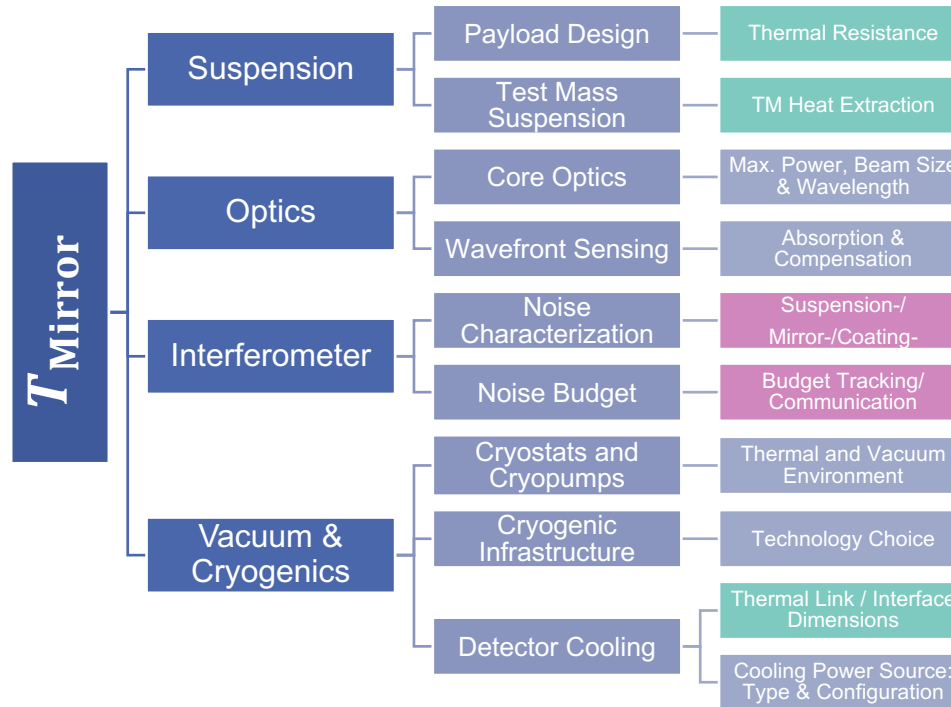
Heat Extraction Path Design

Tasks:

1. Communicate affected WBS elements from your WP incl. prioritization to other WPs
2. Determine interface potential with other WPs
3. Outline possible collaboration work organization

Moderator: Piero Rapagnani

Breakout Room #2



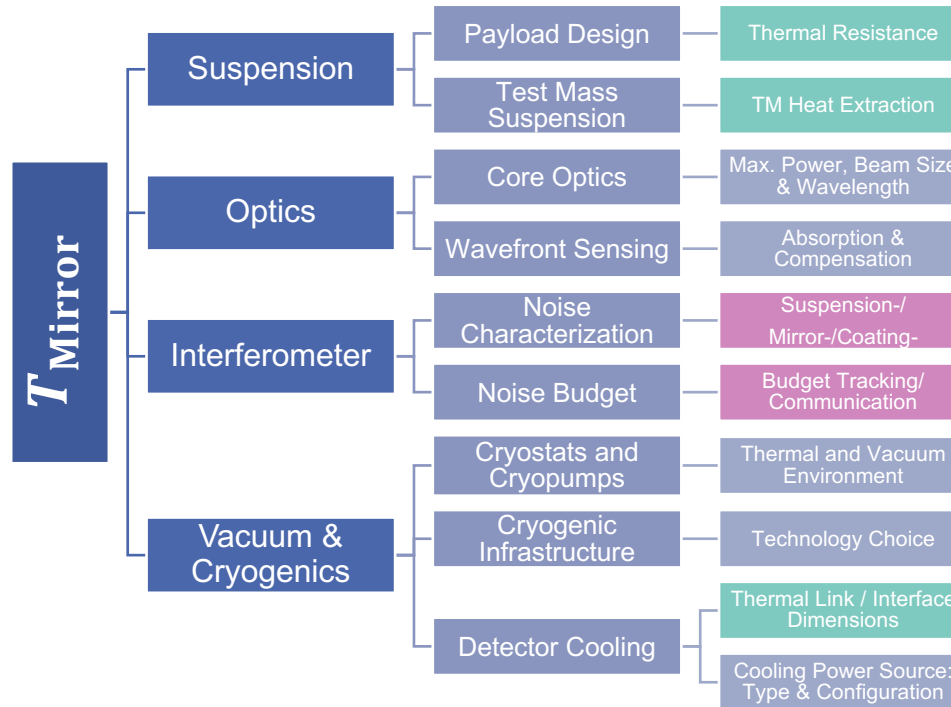
Thermal Noise Modelling

Tasks:

1. Communicate affected WBS elements from your WP incl. prioritization to other WP
2. Determine interface potential with other WPs
3. Outline possible collaboration work organization

Moderator: Jérôme Degallaix (?)

Breakout Room #3



Cryostat- & Vacuum Design

Tasks:

1. Communicate affected WBS elements from your WP incl. prioritization to other WP
2. Determine interface potential with other WPs
3. Outline possible collaboration work organization

Moderator: Christian Day

Breakout Rooms

Heat Extraction Path Design

Moderator: Piero Rapagnani

WPs:

- Payload Design
- Test Mass Suspension
- Detector Cooling

Thermal Noise Modelling

Moderator: Jérôme Degallaix?

WPs:

- Noise Characterization
- Noise Budget

Cryostat- & Vacuum Design

Moderator: Christian Day

WPs:

- Core Optics
- Wavefront Sensing
- Cryostats and Cryopumps
- Cryogenic Infrastructure
- Detector Cooling

1. Work break-down structure element determination
2. Interface potential determination
3. Collaboration work organization