

ETO Task force for ET detector layout - 7th weekly meeting

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Editing the output document in Overleaf

- Section 3 of the [Overleaf](#) document contains output from individual project tasks
- People in charge of each subsection: names associated with corresponding task in [WBS](#)
 - First name should
 - be primarily in charge of subsection editing
 - organize support by the other contributors
- General guidelines
 - One LaTeX file for each subsection
 - High level concepts + link to existing documents for low level information whenever possible
 - Temporary link to internally shared material (sharepoint + Gitlab)
 - Link to precursors within project whenever applicable (e.g. for LF TM integrated tower design mention design of cryostat + payload + suspension + tower vacuum)
 - Modify document structure (merge or split subsections) whenever convenient
 - Put references into references.bib file
 - Put pictures into figures directory - generate sub-directories if needed
- Specific guidelines on individual subsections to be temporarily included inside the LaTeX file

Next steps

- Include results from Pisa meeting in Overleaf document (primarily from people in charge of document)
- Open design and discussion points in preparation of Amsterdam meeting
 - Double cavern concept: identify extra design requirements for suspensions & optical layout (ED)
 - Draft design for optional CRYO configurations
 - Clean rooms sizes vs cleanliness requirements (ED + PAY + VAC)
 - Flexibility requirements from optical layout (OPT)
 - Freeze tower categorisation with clear indication of available options for each category
 - Complete derivation of scientific requirements (noise budget + OSD with input from SUSP+CRYO)
 - TRL analysis (SUSP + VAC + CRYO + OPT)
 - Technical risk and flexibility analysis on global configurations (working group)
 - Requirements verification matrix (Romano to ask input from many groups)
 - Offline work + dedicated meetings when necessary; updates @ weekly meetings
- Poll for 3rd in-person meeting