

## WP6a Safety Analysis

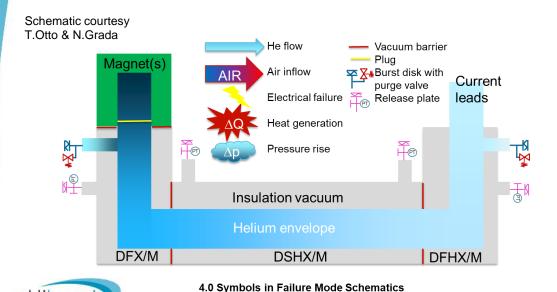
## Failure modes leading to helium release

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## **WP6a Safety Analysis**

- Perform risk assessment on failure modes leading to helium release
- Identify missing inputs (calculation, validations, mitigation, etc.) and agree planning.
- Get formal approval of risk assessment from HL-LHC and ATS management.
- Ensure design of DF, DSH, DFH fulfills the functional requirements.



## Goal to agree on:

- Design pressure
- Burst disk & PSY opening & staging
- Ins vacuum safety valves & staging
- Vac Barrier positioning
- Instrumentation needs