

# Agenda

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1. Review of Fault Tree Analysis Principles.
2. AS61508 and AS62061 PFD and PFH calculations.
3. The significance of 'w' and 'Q'.
4. Fault Trees for low demand and high demand modes.
5. Fault Trees for non-redundant and redundant architectures.
6. Generic model types for detected and undetected failures.
7. Modelling time-dependant failures.
8. *FaultTree+* data libraries.
9. AS61508.6 Annex D CCF  $\beta$  estimation.
10. Incorporating Markov models.
11. Interpreting the results.
12. Sensitivity and importance analysis.
13. Enhancing the reports generator.

(NB: Attendance at *QRA Using FaultTree+* is a pre-requisite for this workshop)

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