



Contribution ID: 47

Type: **Poster**

Root Cause Analysis Experience, Highs and Lows.

Wednesday 18 October 2017 16:00 (1h 30m)

Overall since starting to use RCFA on all trips we have seen our annual MTBF increase from around 24 hrs to above 100 hrs.

However we have mixed experience with reactions to requiring a root cause failure analysis is performed on all major systems failures on Diamond. Ideally we get clear identification of the causes and a practical set of actions to address them, but this is not always the result. The less successful results we can get are either :- An over simple evaluation of problem, or a failure to focus on key issues resulting in a very long list of speculative actions, or an assumption that the problem has already been looked at as far as possible.

Which leads to the question how can we improve the way we run the process to continue to get a useful analysis more often?

Author: BAILEY, Christopher (Diamond Light Source)

Presenter: BAILEY, Christopher (Diamond Light Source)

Session Classification: 11- Poster Session

Track Classification: Failure Investigation