



Contribution ID: 27

Type: **Oral**

Do you believe in Operation Statistics?

Normally it is expected for scientific publications to publish the evaluated data together with statistical evaluation of the data. This allows the community to reproduce and verify the data analysis. It allows as well to broaden the analysis and to compare the results from different publications. There are of course exceptions, for example when the data is considered to be confidential like for medical studies, that prohibits the publication of the original data. The presentation will analyse the current best practises for the publication of operation statistics of synchrotron light sources. It will be shown that they are rarely ever published together with the underlying data. The authors are convinced that the actual failure data would be very helpful for the community. It would allow a better comparison of the operation metrics of different facilities, it would enable meta analysis of failure rates to find the best solutions for all subsystems and it would increase the general faith into operation statistics.

Primary author: Dr LUEDEKE, Andreas (Paul Scherrer Institut, Department for Large Research Facilities)

Presenter: Dr LUEDEKE, Andreas (Paul Scherrer Institut, Department for Large Research Facilities)