

## A Common Operation Metrics for Third Generation Light Sources

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High reliability is a very important goal for third generation light sources. Very often the beam availability and the mean time between beam outages are used as an operation metrics to measure the reliability of the accelerator. A survey at different 3rd generation light sources revealed that the calculation of the beam availability and the mean time between beam outages does vary significantly between facilities. This does prevent a useful comparison of the reliability of these accelerators. The authors propose a specific metrics for the reliability of 3rd generation light sources; a metrics that will allow a detailed and meaningful comparison of these particle accelerators.

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**Session Classification:** Performance Indicators and Figures of Merit for Accelerator Facilities