

## **CIEL: Current Injection Efficiency and Lifetime**

*Tuesday 16 June 2020 09:50 (20 minutes)*

We will introduce a new acquisition system for storage ring beam current monitor.  
It is based on the co-developped PandBox electronics, associated with a 24 bits 128kS/s ADC.  
It offers the possibility of fast, triggered captures to measure injected current even during bursted injections.  
We'll show the results of the first tests and the integration of this new measure.

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**Track Classification:** 5. Diagnostics: any other topics