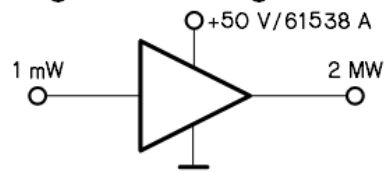


Twelfth Continuous Wave and High Average Power RF Workshop



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Contribution ID: 43

Type: **Oral presentation 20' + 5'**

CLS improvements and future goals

Tuesday 13 September 2022 14:50 (25 minutes)

The Canadian Light Source (CLS) operates a single-cell CESR-B superconducting RF cavity system in the 2.9 GeV storage ring, powered by a 310 kW klystron.

In recent years CLS has been making changes to its RF systems with the aim to improve reliability. The booster klystron has been replaced with a solid state amplifier.

CLS has worked with ALBA to replace the LLRF system for the booster. CLS is waiting delivery of a 3rd cryomodule for the SR. In the future we aim to install an SSA for the SR and test the ALBA DLLRF on the superconducting cavity.

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Presenter: BEAUREGARD, Denis (CLS)

Session Classification: Miscellanea

Track Classification: Facility status reports