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## **Cryogenic Testing Infrastructure at UCLA**

*Wednesday, 10 May 2023 16:30 (2 hours)*

Significant developments in the future of linear accelerators including the operation of high gradient cavities, novel cathodes, and improved magnet designed are enabled by cryogenic operation of various subsystems and components. In order to address the growing needs of traditional infrastructure operating in a new low temperature regime, we have commissioning infrastructure for the testing of materials and complex components at low temperatures. We will present here several systems under study for developing enabling technologies for a very high brightness cryogenic normal conducting RF photogun.

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### **Footnotes**

### **I have read and accept the Privacy Policy Statement**

Yes

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