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## **Tunneling Spectroscopy studies of Nb<sub>3</sub>Sn for SRF cavities**

*Tuesday, 10 November 2020 10:25 (20 minutes)*

Tunneling spectroscopy measurements were carried out at ANL and CEA on Nb<sub>3</sub>Sn/Nb samples made at Cornell and FNAL with different growth conditions. We find a linear correlation between the average gap extracted from maps of the Density of states few hundreds microns of lateral size and the corresponding RF cavity tests made under the same conditions as the samples.

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