



Contribution ID: 15

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Lecture 7a –Superconducting RF & ILC I

Saturday, 25 October 2008 09:00 (3 hours)

- Superconductivity basics
- Cavity design & SRF constraints
- Lorentz force detuning in SCRF
- Microphonics & vibration issues
- Cavity fabrication and tuning
- Surface preparation
- Gradient limit and spread
- Cryogenics
- ILC cryomodules
- Alignment issues

Presenter: Dr SOLYAK, Nikolay (FNAL)

Session Classification: Superconducting RF & ILC I