



Contribution ID: 6

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Lecture 4a –Linac I

Tuesday, 21 October 2008 14:00 (3 hours)

- Phases & superposition
- Basics of RF cavities
- Lumped circuit analogy, metrics
- RF Pillbox cavity
- Coupled rf-cavities, mode structure
- Shunt impedance, transit-time factor
- Standing wave linacs and structures
- Beam loading and power coupling
- Slow wave structures

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Session Classification: Linac I