

ECL2 Workshop



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Electron Cloud Studies at CESR-c and CEsrTA

Friday 2 March 2007 15:25 (20 minutes)

A program to characterize electron cloud build-up in the Cornell Electron Storage Ring has recently begun. I will provide a brief overview of the work that has been done to date and describe future plans to use CESR as a test accelerator for the International Linear Collider (ILC) Damping Rings. As part of this program we plan to study the impact of the electron cloud on ultra-low emittance beams and will undertake measurements of electron cloud growth and suppression in the CESR-c wigglers which were selected for the baseline ILC design.

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Session Classification: Studies, designs and plans