

Charge to the ILCDR08 Low Emittance Tuning Working Group

The charge to the LET working group is to evaluate the status of optics correction and emittance tuning techniques, to review emittance measurement techniques that will be needed for damping ring optimization, and to review the world-wide experimental program in low emittance tuning. The group should, in particular, provide an evaluation of contributions that can be made as part of the CesrTA program and comment on how the efforts at various facilities world-wide can work together to provide confidence in the ILC and CLIC damping ring designs.

Charge to the ILCDR08 Electron Cloud Working Group

The charge to the Electron Cloud working group is to review the status of electron cloud simulations, both for electron cloud growth and for electron cloud induced beam dynamics, the benchmarking of the major codes against each other, and benchmarking of the codes against experiment. The group should also review the status of electron cloud measurement and mitigation techniques. Finally, the group should look at the world-wide experimental program and inputs that are required for the ILC and CLIC damping ring designs, paying particular attention to identifying tests that are needed as part of the CesrTA program.