

Alignment Issue for C-band Linear Collider,
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- For future linear colliders, very low emittance beams will be required to achieve high luminosity. To preserve the low emittance through the main linacs, precise alignment of magnets and accelerating structures will be one of the most important issues. For our design of C-band Linear Collider, tolerances of misalignment in the main linacs will be estimated and alignment schemes and techniques will be described. The techniques of the estimation, both tracking simulations and analytical calculations, will be discussed. Beam based alignment techniques will be also described. Design of support girders with alignment movers for the magnets and the accelerating structures will be discussed. Measured data of ground motions at some site candidates and other places will be reported and realistic feedback and re-alignment schemes will be discussed.