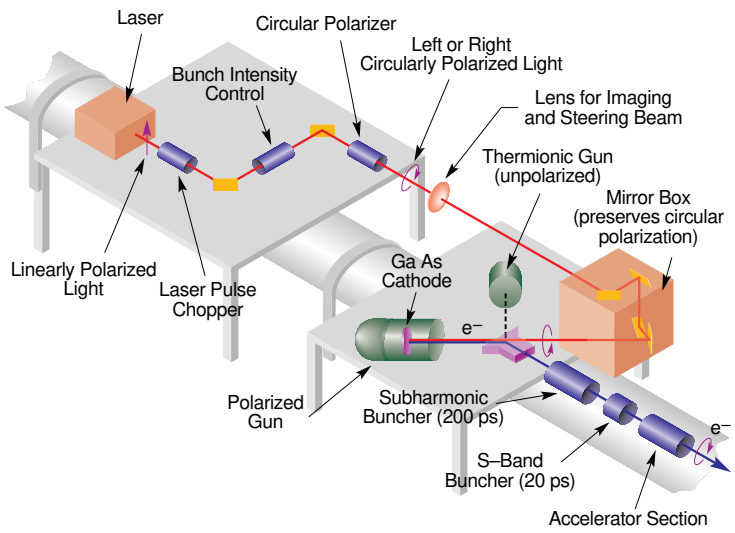
Laser
Circular Polarizer
Left or Right
Circularly Polarized Light
Bunch Intensity
Control
Lens for Imaging
and Steering Beam
Thermionic Gun
(unpolarized)
Mirror Box
(preserves circular
polarization)
Ga As
Cathode
Linearly Polarized
Light
Laser Pulse
Chopper
e−
Polarized
Gun
Subharmonic
Buncher (200 ps)
e−
S–Band
Buncher (20 ps)
Accelerator Section