

Extreme Precision in Radial Velocity IV



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iLocator: Moving from design to fabrication

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iLocator is a next-generation precision radial velocity spectrograph under development for the Large Binocular Telescope (LBT). The instrument has three major subsystems which are currently undergoing simultaneous development: a single-mode fiber fed high-resolution ($R \sim 150,000$ -240,000) NIR echelle spectrograph, an adaptive optics fed fiber-injection system, and a fabry-perot etalon based wavelength calibration unit. We present a design, performance and status update for iLocator and its individual subsystems as the instrument moves from design to fabrication.

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