

Seeded Beams at LCLS

James Welch, SLAC

I will talk about recent seeding developments at LCLS, the current status, and prospects for future developments. Topics will include, self-seeding using various bragg planes, using two bragg planes at the same time, long-bunch self-seeding, taper studies, and chirped seeded beams. I will also discuss the effect of electron energy jitter on the seeded beam.