

Injector Status

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Time Meeting

Injector Status

- Ruthenium was developed in the injector early last week with tandem 600us (the pulse width can be set up to 1000us) pulse length. 8 pulses from tandem was also tested. Longitudinal emittance is about 0.4eVs and transverse emittance is about $1.5\pi \mu\text{m}$ (rms).
- Several ways to get further intensity gain: longer tandem pulse or 6->3->1 merge. Since IBS effect is less for ruthenium at injection, the longer injection time may be tolerable. 12->6->2 will require more pulses from tandem and it is not clear if it is possible.
- Cold head #1 has been replaced last Thursday. Cool down is on going and we should know by Friday if the leak issue is resolved. If it is, the power supply test will follow and AGS/Booster pp setup could start as soon as next Monday.
- We have started to test tune jump quads this week.