

Weekly Meeting Presentation

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September 20, 2018

Meeting Topics

- Ion trap simulations using Sajini's GPT model (on my PC) and mathematical predictions/derivations (see Research Notes and Documents)
- Using a BPM to determine ion species in the accelerator (see Research Notes and Documents)
- Other topics/ideas for the future?
 - ▶ Measuring the wavelengths/frequencies of light emission due to ionization: can/should we measure this light to determine the types of ions in the beamline?
 - ▶ Ramsey Interferometry (Matt)
 - ▶ Charged Dust (Joe)