## Hi Suzie

I wrote the skeleton of the FFAG simulation paper. I just thought it would help to finish writing in time (you are still the lead author!). https://www.overleaf.com/2457202sctcnx#/6404726/

I think it would be good if we have the following input.

1. One paragraph description of codes (OPAL, Zgoubi, Earlietimes).

2. For low intensity benchmarking,

2-a. transverse tune vs momentum (kinetic energy) table for comparison figure.

2-b. transverse tune vs momentum (kinetic energy) table of measurement (for reproduction of figure).

2-c. frequency vs momentum (kinetic energy) table.

2-d. single particle trajectory table when particles are accelerated with phis=0, 30 degree and v=4 kV.

3. For high intensity benchmarking, Emittance evolution with space charge effects.

I put the simulation with foil scattering and energy loss as one of future plans.

