

ATTENDEES

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PRESENTATION

*Application Program Requirements (Draft) -- 01-24-2001* by Joanne Beebe-Wang

**We go through this list about their functions and requirements.**

Front End / Linac Applications

ORBIT Difference Viewer  
Profile monitor (MEBT/LINAC)  
MEBT Quad Tuning  
MEBT RF Tuning  
DTL / CCL RF Phase Amplitude Set  
SCL RF Phase Amplitude Set  
Linac Closed Orbit corrector  
Energy TOF measurement

Ring

Ring Run time machine modeling  
Machine Optics Editor  
Ring fast beam loss monitor display  
Injection, Orbit Bump  
Injection, HEBT-ring optics matching  
Turn-by turn Orbit Report  
Global Closed Orbit Correction  
Tune measurement  
Tune measurement, twiss estimate (off axis injection)  
Twiss measurement (with individual quad windings)  
Twiss measurement (with individual correctors)  
Extraction, RTBT-ring optics matching

ToDo

RF cavity tuner / detuner ?

Transfer line twiss measurements (beta?)  
Emittance measurement app