Tracker Software Update

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Update

- Kalman now probably in final form (E. Santos has finished), latest updates in trunk and will in be MAUS 0.9.2

- MC noise algorithm updated

- Emittance studies underway, seeing reasonable numbers for the emittance error (see C. Hunt presentation)

Issues

- Low p_t efficiency is poor, need to figure out if this is a problem - *A. Dobbs*

- No trigger MC $\rightarrow$ pattern recognition still not properly tested - *R. Bayes*

- Real data unpacking broke between MAUS 0.7.5 and 0.7.6 - *D. Adey*

- Determine if we need to improve final emittance reconstruction performance - *C. Hunt*

Other To Do's

- Finish implementing analysis framework - *A. Dobbs*
- Get MC ADC smearing / finish noise work - *C. Heidt*
- Handle shared spacepoints - *A. Dobbs*
- Create online displays - *M.A. Uchida*
- Track and spacepoint level efficiency studies - *A. Dobbs and C. Hunt*
- Documentation - *A. Dobbs*
- Tracker software paper in production (first draft to be circulated very soon) - *A. Dobbs*