

Electron identification from dE/dx measurements in the MPD TPC

? change of title ?

- New ADC range.
 - Details of definition.
 - **Overflow region.**
- Garfield++ parametrisation
- Poisson model e/pi ratio comparisons:
 - Garfield++ itself (e/pi= 1.58).
 - Bichsel model (reference data).
 - STAR pp 2005 data (e/pi= ~1.53)
 - ALEPH data (e/pi=1.66).
- STAR log(dE/dx) approach for nSigma
- MPDROOT dE/dx
 - dE/dx loss to ADC (MC briefly)
 - hit and track reconstruction (reco briefly)
 - **acceptance and efficiency (BOX)**
 - **resolution dependencies on $\beta\gamma$ and track length (BOX)**
 - actual PID procedure from A.M.
 - **? figure of nSigma for electrons (uRQMD) ?**

50% of text in russian and figures are ready