







- GEM (gas gain 10)
 - 140µm pitch
 - 70µm diameter



Kentaro Miuchi





Spectrometry

 Energy spectra from the whole volume (with energy corrections)







Summary & Future

- Large volume Micro-TPC: 23 × 28 × 31cm³
 μ-PIC +GEM
- Fundamental performance was measured
 - Operation gas gain 50000
 - Energy: 20~ 60keV peaks observed
 - 3D spatial resolution: 0.5mm (drift 0cm) ~2(drift 30cm)mm



