Status and Future Support for the FTPC

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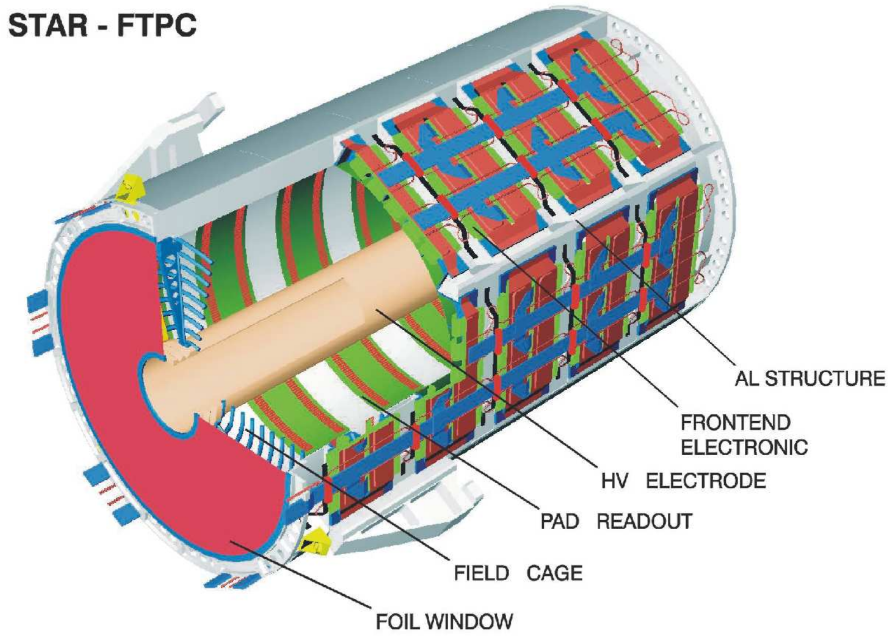
- Introduction: Why Future Support ?
- Status: Hardware and Software
- Future Supporting Groups



Hardware

Subject	Status
• Gas supply and mixing	Stable
• Chambers	Stable
• High Voltage (Drift & Sense)	Stable
• Readout Electronics	Need maintenance
• Cooling	Need maintenance
• Laser System	Needs Alexei
• General: Yearly removal and re-installation	

Software

Subject	**Status**
• Simulations	
• Fast and Slow Simulator	Existing
• Embedding	Ongoing
• Geometric description	Existing
• Online: Slow Control & Monitoring	Working
• Offline: Cluster Finder & Tracker	Existing
• Calibration!	Needs careful work
• ITTF Support	Ongoing

Remember: Both Hardware and Software are non-static systems!

Transfer of Material and Knowledge

- HW: Easy: MPI hands over:
  - 6 spare readout chambers
  - FEE spares including spare chips and tester
  - Complete setup with prototype and readout chain
  - Misc. spare parts
  - Documentation
- SW: In close collaboration with BNL (Jerome et al.) and Janet
  - Transition to ITTF
  - Newcomers are welcome to visit MPI

FTPC Support in the Future

- BNL, Purdue, Zagreb
- Technical Operation:
  - BNL: STSG + Blair Stringfellow
    - Detector maintenance
    - Electronics testing & repair
    - Facility for complete system testing outside STAR detector
- Software development & calibration
  - Purdue (Brijesch Shrivastava et al.)
  - Zagreb (Mirko Planinic)
- Future System Manager: Alexei Lebedev

Conclusion

- Detector delivers good data and is understood
- Ready for physics analysis

- Smooth transition possible during the next

  running period