

# NA61 FORWARD TPC STATUS

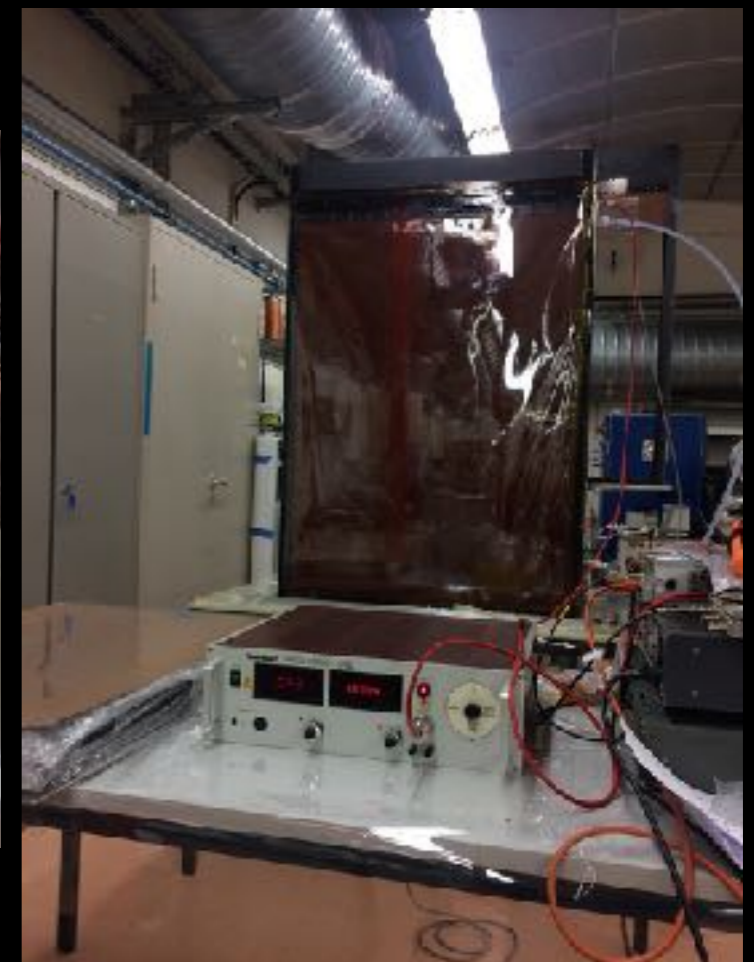


**E. D. Zimmerman**  
**University of Colorado**

**SPSC Pre-meeting**  
**CERN, 19 June 2017**

# FTPC construction status

- Basic construction, HV/source testing of all three chambers is complete
  - FTPC1: Fall 2016
  - FTPC2 and FTPC3: Winter-Spring 2017



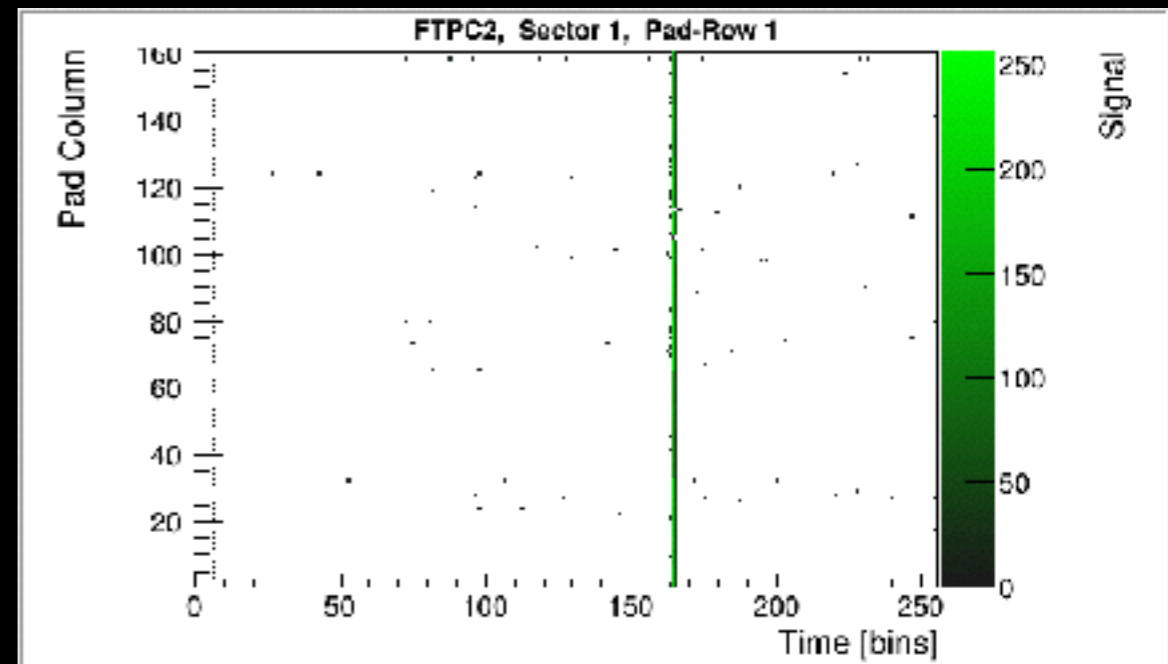
# FTPC installation status

- FTPC1 raised to installation rails December 2016; final position March 2017
- FTPC2 and FTPC3: Installed (hanging) on June 7



# FTPC commissioning status

- Most cables routed, terminated, tested
- Gas flowing to all chambers as of Saturday
- Front-end cards installed on all chambers
- Front-end cabling and motherboards installed on FTPC2
- DAQ integration mostly done: first signals (from pulser) read out last week



# FTPC commissioning plans

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- Dedicated test beam period in early July
  - Plan to finish remaining cabling work before then
  - Plan to read out all chambers, see tracks during test run
- Neutrino data collection begins early August