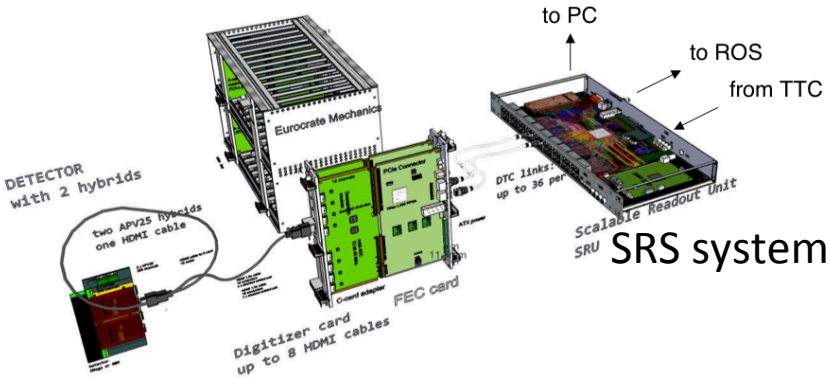
Tasks related to installation in ATLAS

SHORT-TERM TASKS

ATLAS installation current status

- Chambers at SW and one at MBTS with APV25s
- Issue with magnetic field solved
  - FEC Power supply moved to USA15 (cables installed)
  - FEC connection via optical fibres (being installed)
  - Tested in magnetic field
  - Test tomorrow – stand-alone setup (random trigger)

- SRU firmware
  - Event builder OK
  - SRU – ROS communication OK



SRS system

Credits due:

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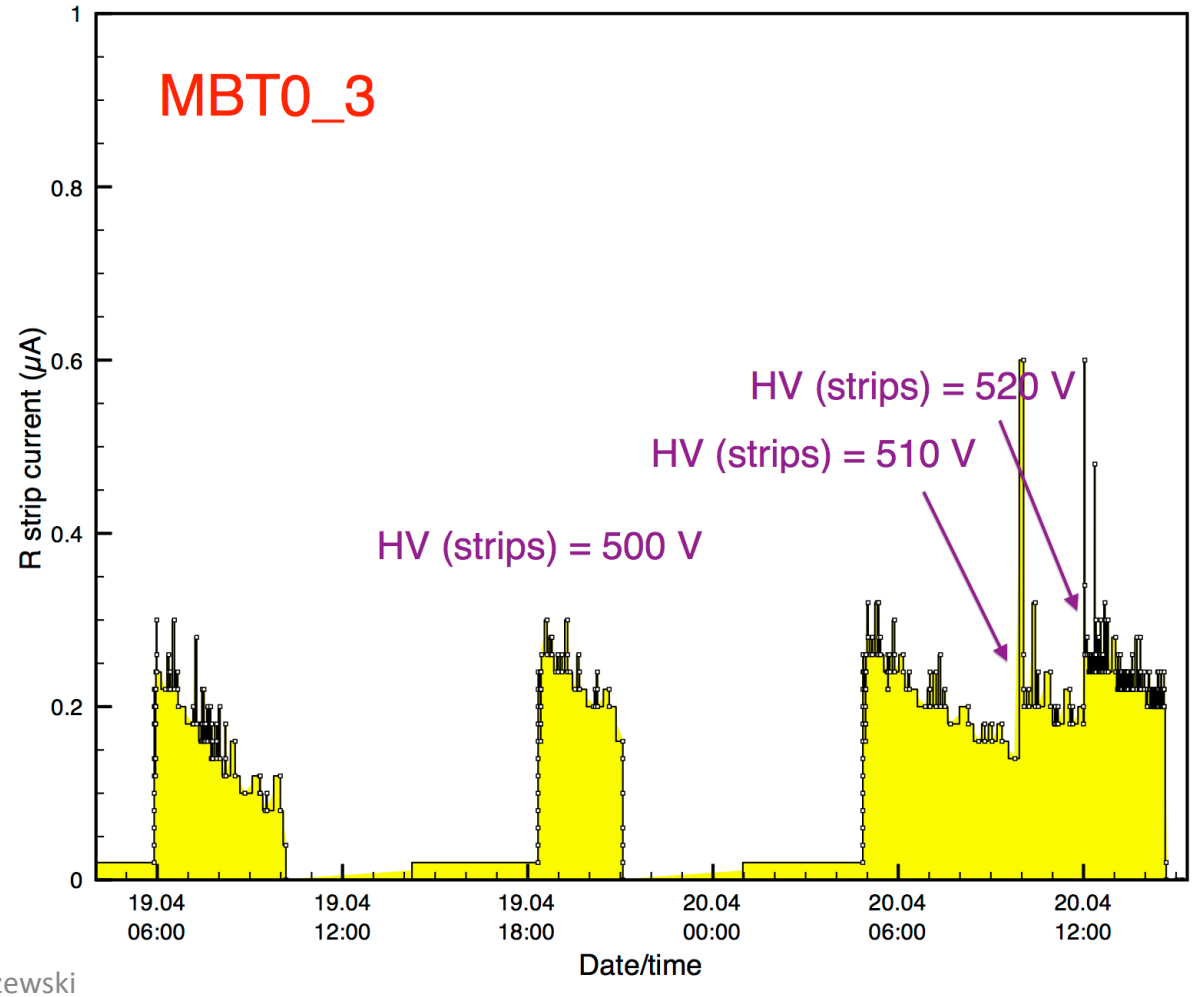
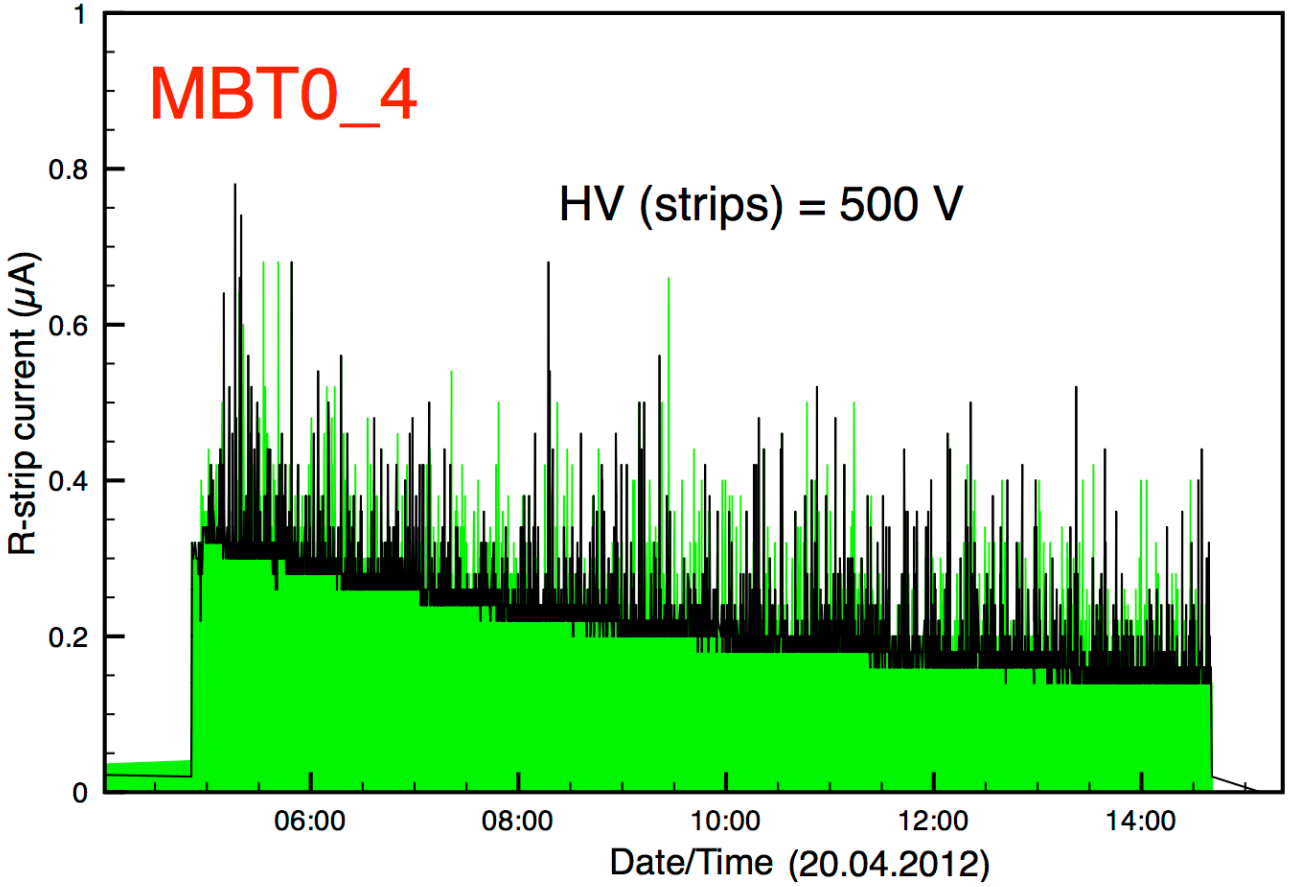
ATLAS installation current status

HV monitoring of the MBT0 chamber (at the MBTS location)



ATLAS installation current status

HV monitoring of the MBT0 chamber (at the MBTS location)



Short term tasks - DAQ

type	task	assigned ?	due date
ATLAS DAQ	setup monitoring via MMDAQ	MB	25.Apr
DAQ	SRS FEC - zero suppression tests		1.May
ATLAS DAQ	SRU TTC firmware	AZ	8.May
ATLAS DAQ	SRU and FEC DTC firmware	HM/AM	8.May
ATLAS DAQ	Slow control (run ctrl, DCS integration)	GI?	22.May
ATLAS DAQ	test bench system (including TTC partition)		22.May
ATLAS DAQ	monitoring online/offline (ATLAS and test bench)		22.May
ATLAS DAQ	SRU power supply (magnetic field)	GG?	16.Jun
ATLAS DAQ	installation in ATLAS		23.Jun
DAQ	run DB review / update		

Short term task (2)

- Data taking and data integrity
  - ATLAS DAQ run coordinator /shifter (starting now)
    - HV monitoring,
    - online monitoring,
    - ATLAS runs sync,
- Data preparation & analysis
  - Stand alone (random trigger) (starting now)
    - test adapt available *recomm* or new,
    - @random trigger, reconstruction, rates
  - ATLAS data (starting next TS)
    - Run selection,
    - Reconstruct and compare to ATLAS tracks (CSC)
- New installations
  - possibility of installation of large chambers on HO,
  - HW, man power (installation and follow up)