



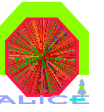
Status of FEC tester

Topics:

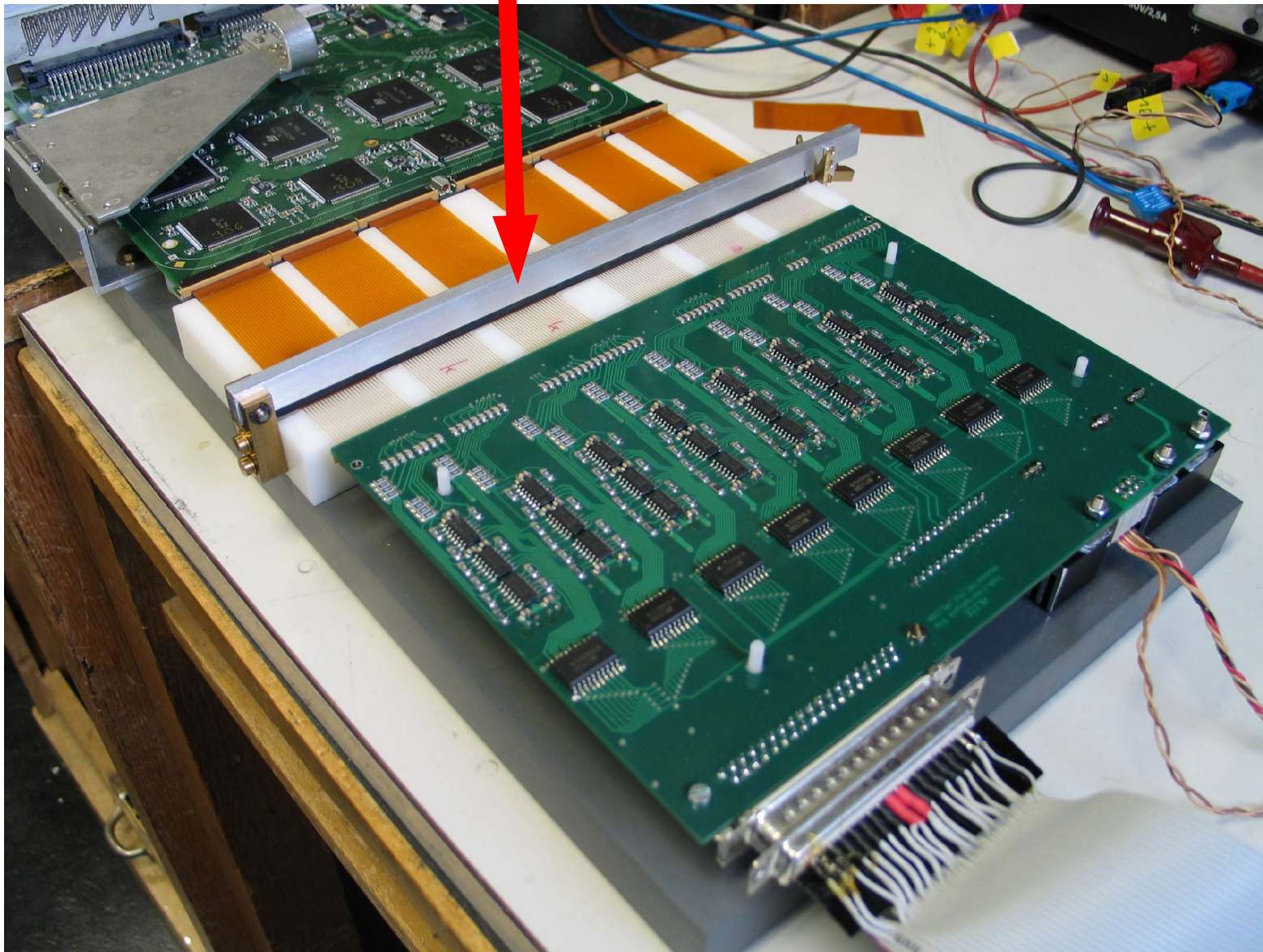
- Tester setup: problems, missing components, 2nd system
- Software status



Hardware improvement: stronger arm with spring loading



Pressure too low



Need about
10 kg pressure



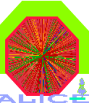
Missing hardware components:

switches to indicate the positions of the arm pressing the cables
and the mechanics moving the power and readout connectors

bar code reader implementation

I2C connector

general problem with hardware modifications/additions:
manpower problem in the mechanics workshop

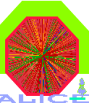


Second readout system

We have set up a second (fast) PC with RCU-2 and are in the process to get it operational.

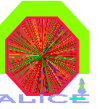
New version of the driver for the RCU-2 received from Dieter.
Unfortunately still problem probably due to an incorrect compiler installation.

This will allow us to do the first card tests while continuing software development.



Burnin

We have ordered an oven allowing us to cycle the temperature between -5°C and 100°C within about 45 minutes.



Software

2 students working on it now

Digital part of the test close to be finished in a first version

Analog part will be based on the C++ package written by Simon Lang and used for the PASA chip test.