Jaya John's report, 2017-05-09

In case I don't make it, my report is:

1) CHESS-2 analogue hardware: I have been providing some information and support to Bojan for his testing work.

3) CHESS-2 digital work in Oxford: Gale wire-bonded the bottom array and test structures on the digital daughterboard which Su Dong gave us. I did not get to test this before going to CERN for 3 weeks for ABCStar work and Todd is also very tied up at the moment. I will catch up with this once back in Oxford on 22 May.

2) ABCN': the team in Vancouver have successfully connected the CHESS-2 digital daughterboard to the Nexys Video DAQ board running the ABCN' firmware, through their adaptor board and "flipping board". So far, they have successfully tested the DACs and SACI commands, including seeing responses from CHESS-2. They will be working on receiving readout data into the ABCN' next, using CHESS-2's Test Mode to supply predictable digital output data.

This is a big milestone in the ABCN' work - many thanks to Wojtek, Robin and Colin at UBC! Isaiah Becker-Mayer has joined the team there as a summer student.