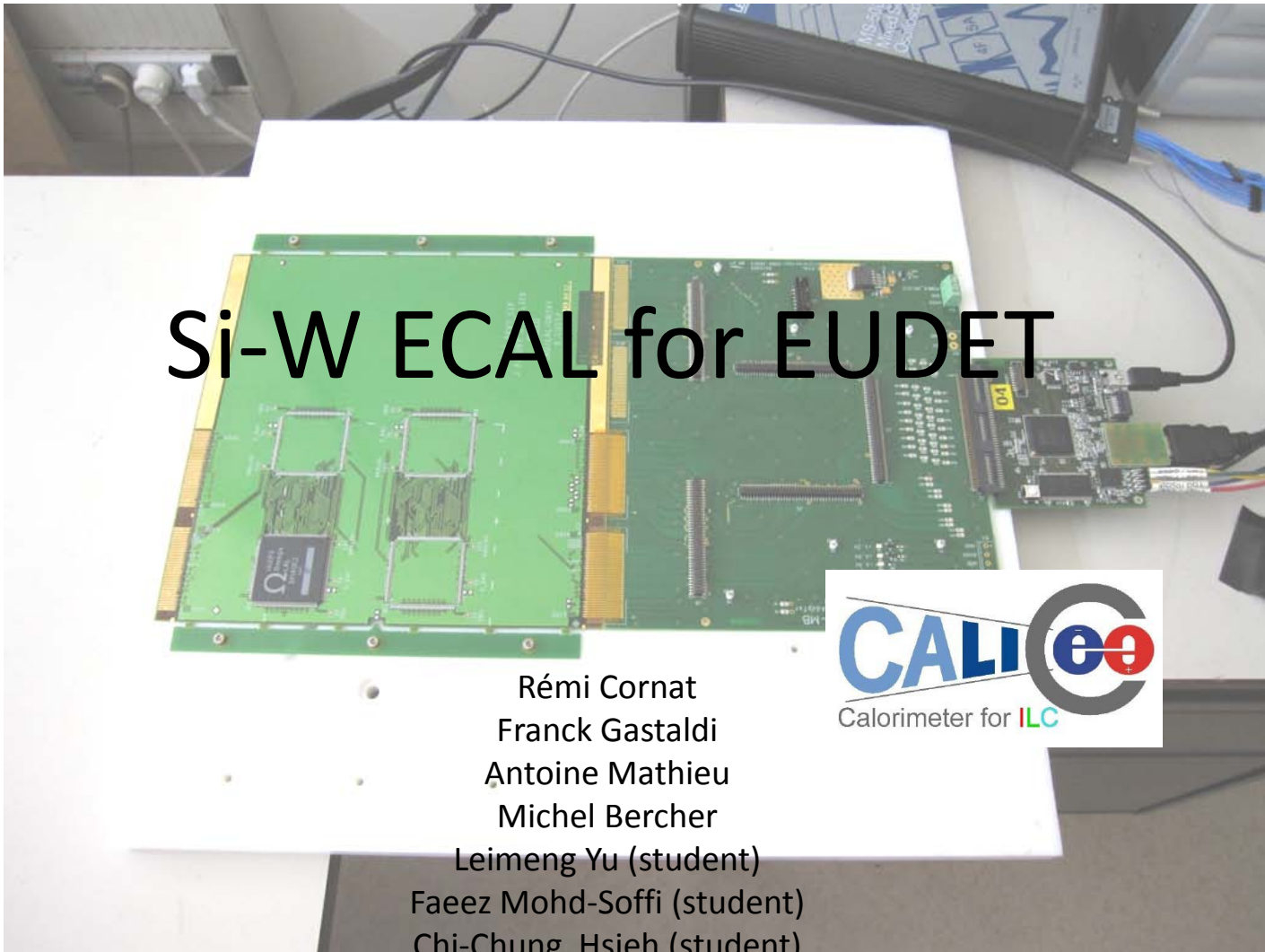


LIR

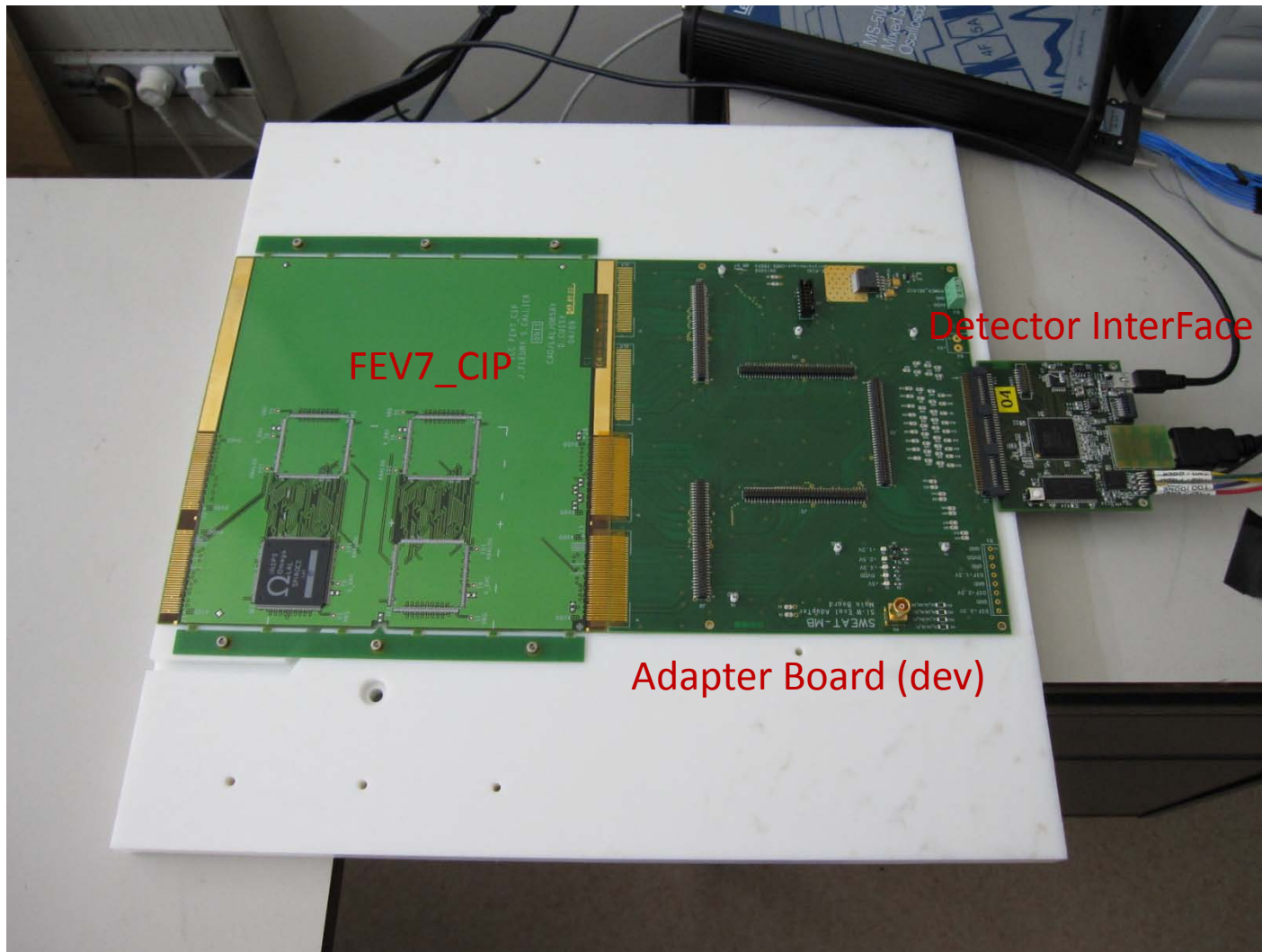
Si-W ECAL for EUDET

Rémi Cornat
Franck Gastaldi
Antoine Mathieu
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Leimeng Yu (student)
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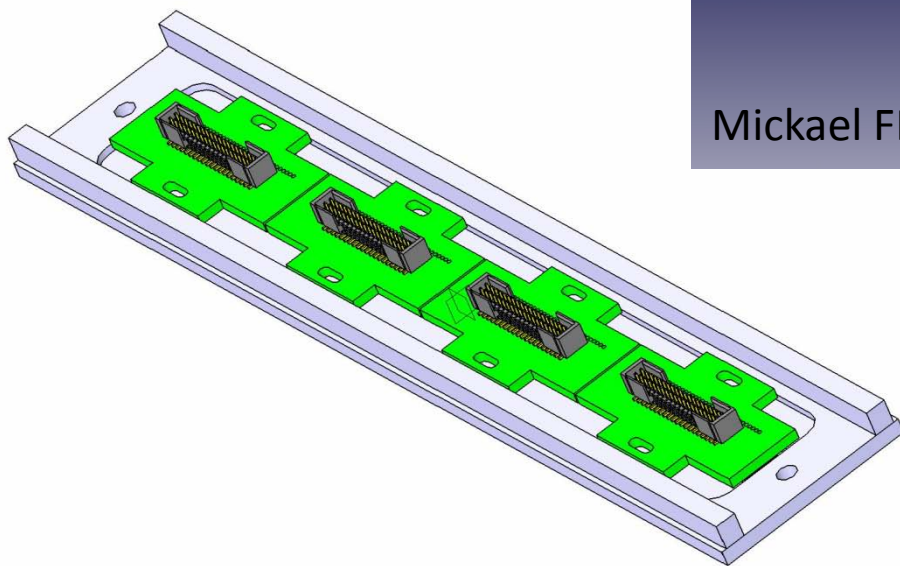
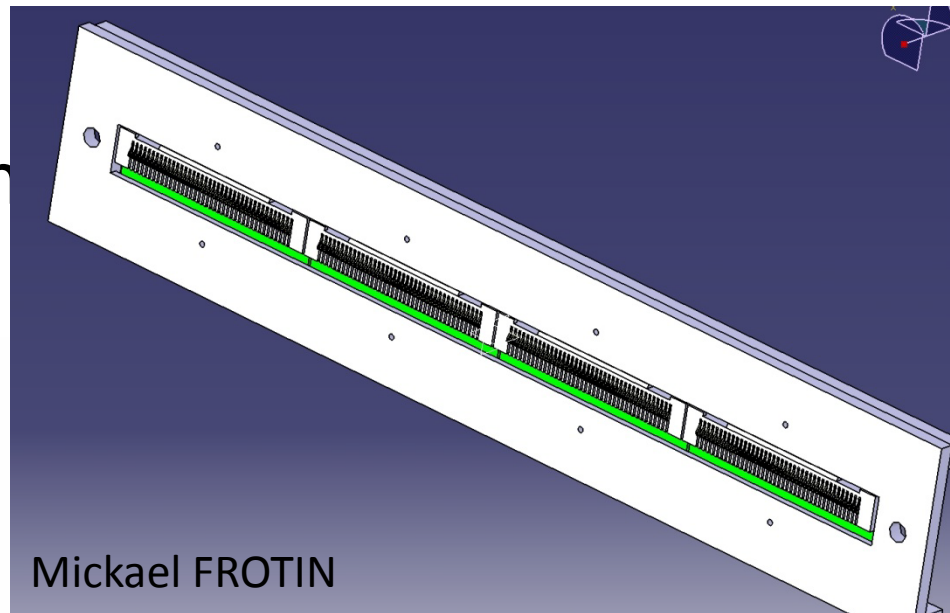


First SLAB prototype assembled (03/07/09)



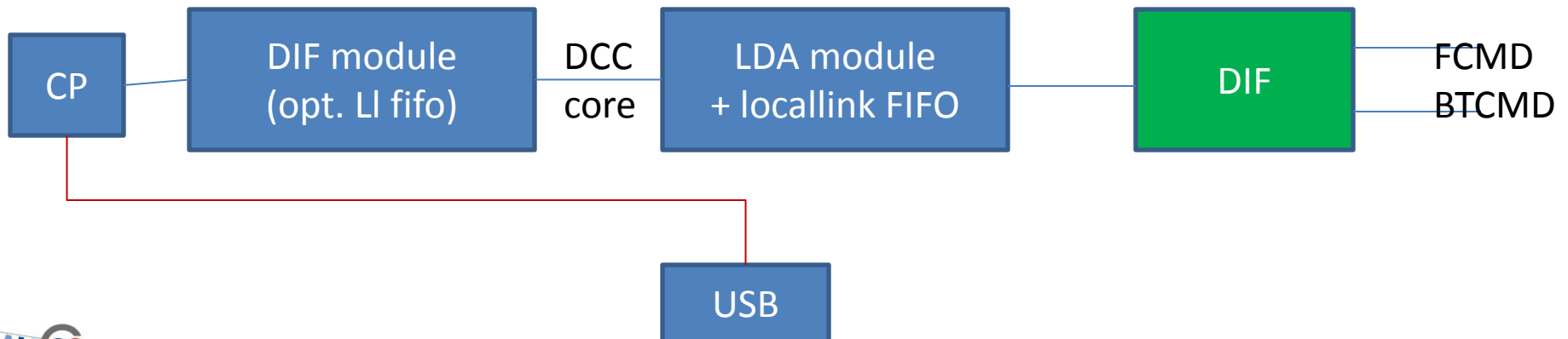
Solderless connector

- Ready by 2 weeks
- Then start tests with ASU 'CIP'

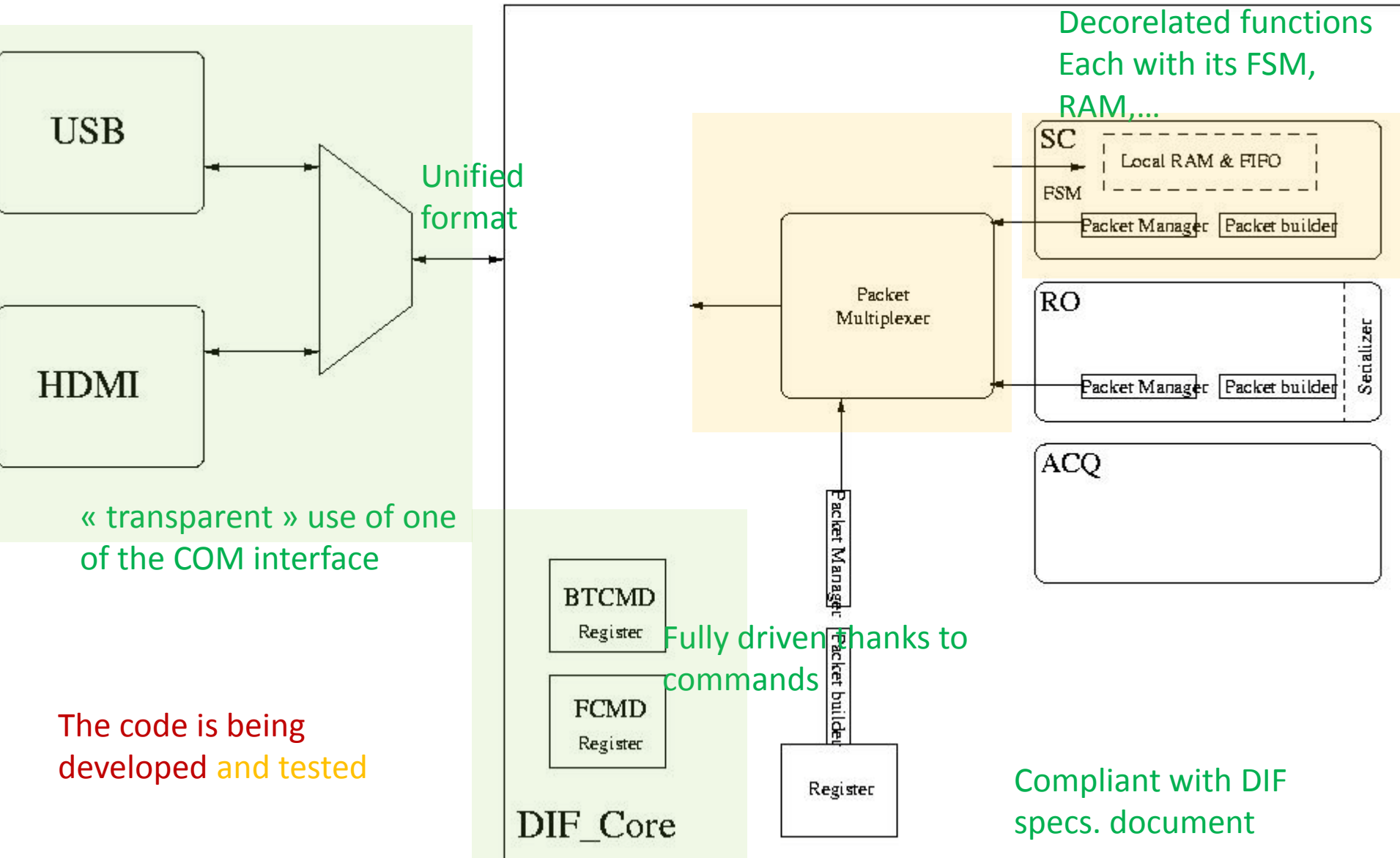


HW tests

- **CMD generation through HDMI**
 - Two cascaded DCC
 - USB – DIF-LDA-DIF-LDA-DIF
 - Fast commands
- Block transfer commands (few tested)
 - Unfortunately we have changed test room
 - Only fast commands are working now
 - Code to be updated from UK new versions



DIF : basic version



« transparent » use of one of the COM interface

The code is being developed and tested

Fully driven thanks to commands

Compliant with DIF specs. document

(ecal) DIF development

- March'10 : DIF working with a DCC board
 - Serial link tested and validated
 - Part of specifications of the hdmi side implemented
 - USB I/O of the DCC
- June'10 : DIF working with a DCC + LDA
 - (almost) full specifications implemented
 - Including ROC chips functions (from Guillaume/Mathias)
 - Ethernet I/O of the LDA
 - SW for debug & Test
- September'10 : more than 1 DIF working with a DCC + LDA
 - Synchronization with “final” DAQ SW
- Later on : to be discussed

Not before