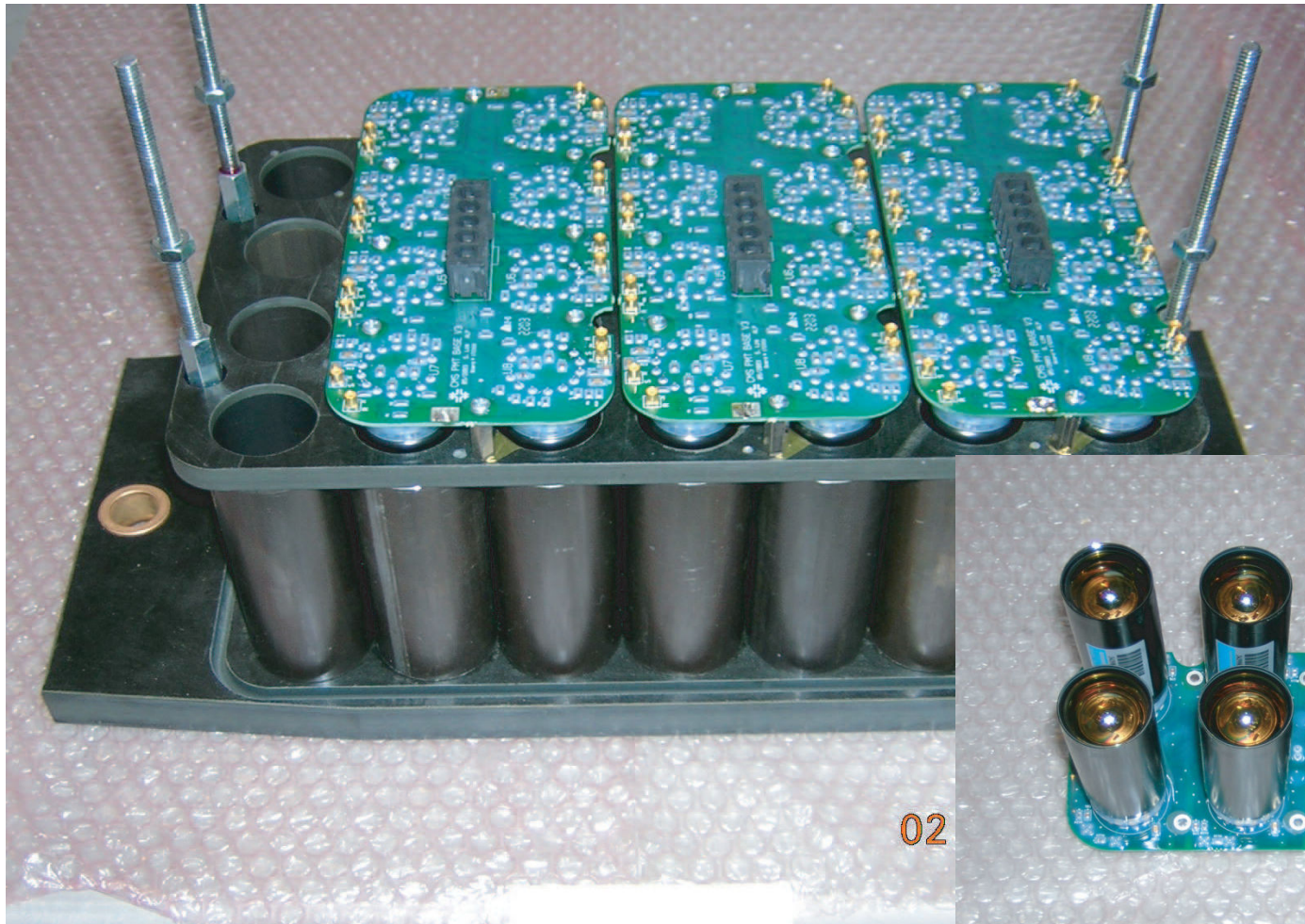


HF RBX Design for New PMTs

Ianos Schmidt

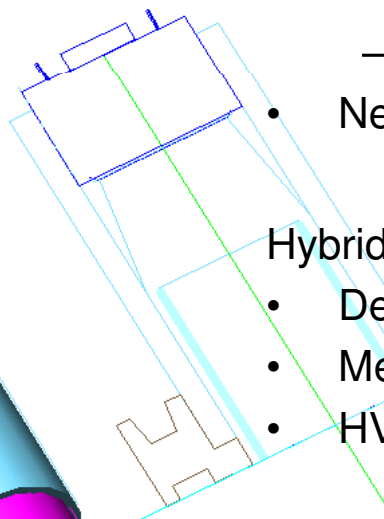
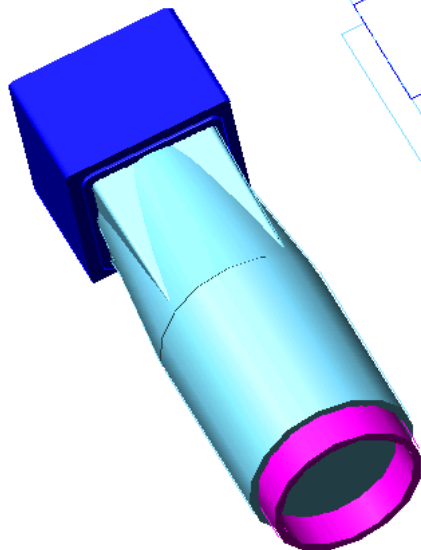
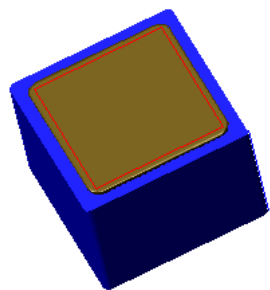
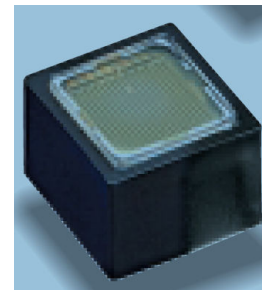
University of Iowa

HF ROBOX



Divided into 3 groups of 8 PMTs on each

Design/system changes for new PMT's



- HV and number of dynodes is different.
 - New bases/Base PCB's.
 - New/modified HV supplies.
- Double channel count?
 - Summed anodes (reconfigurable).->New base PCB.
 - New connectors? New cables?
- New shielding, light collection and support mechanics.

Hybrid box (1/3 new PMT's) for 2010?

- Device selection (TB`09)
- Mechanics + optics design (first stab TB`09)
- HV system? Have 2 spare HV cables/HF