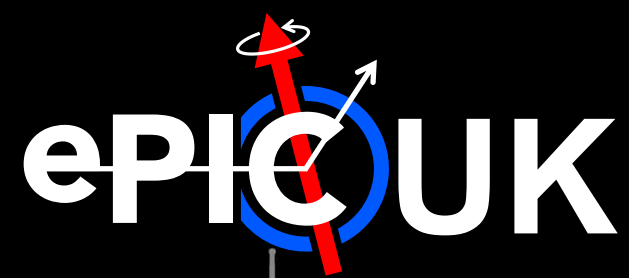




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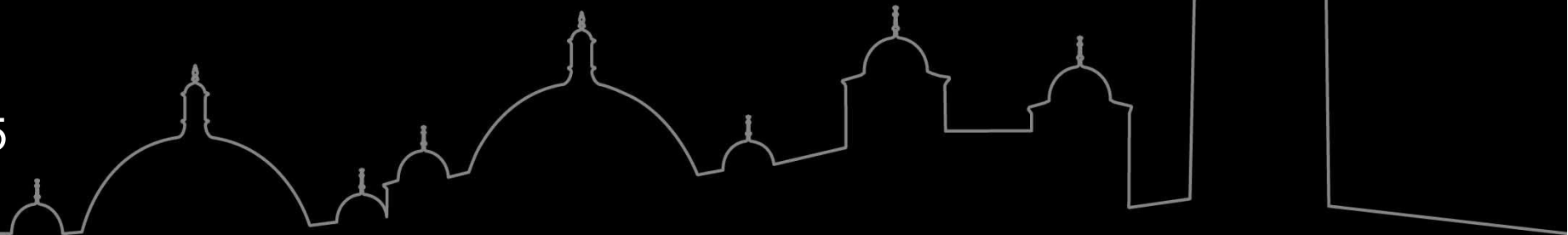


FPC Interface Board update

James Glover

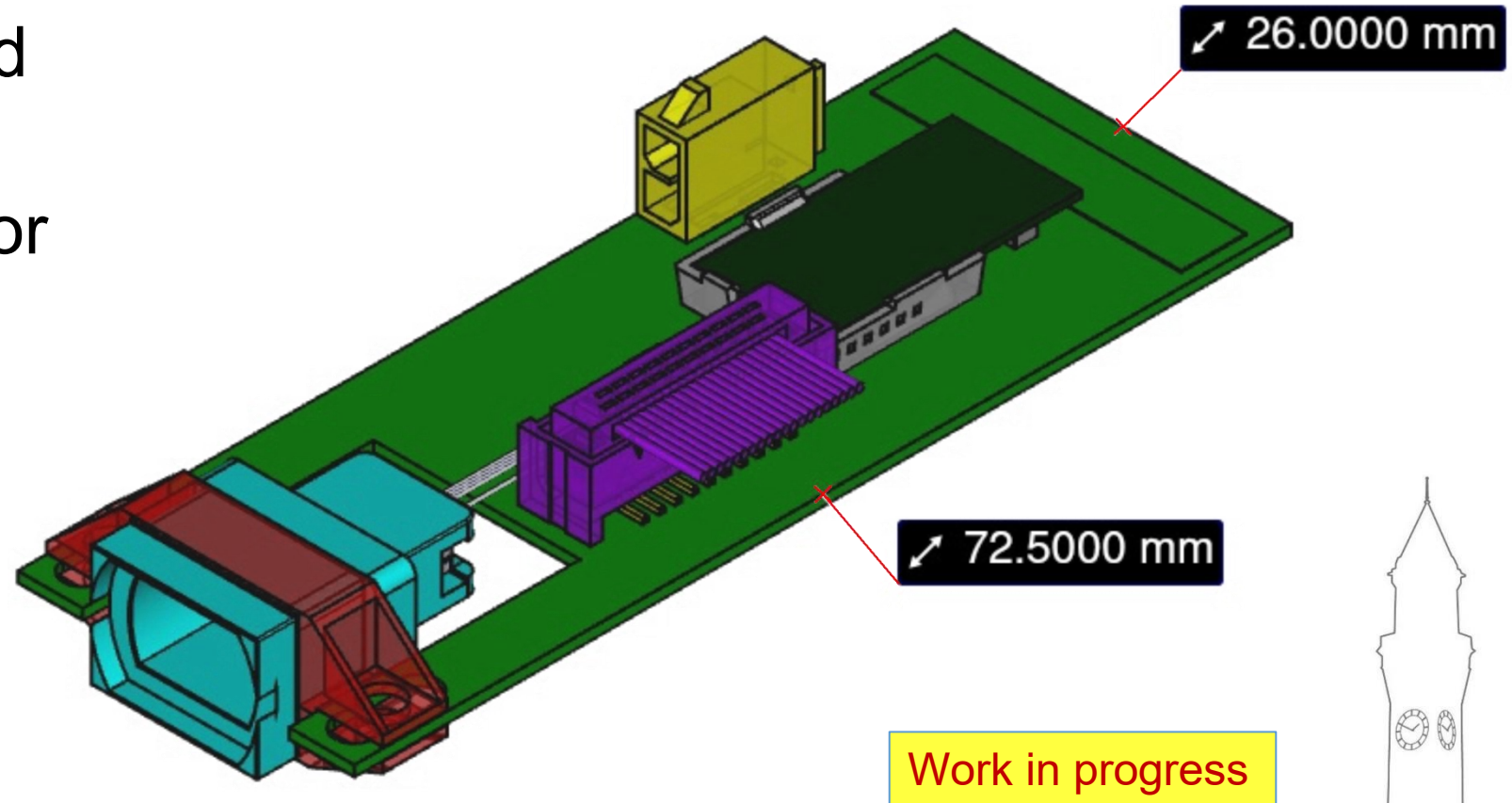
EIC-UK WP1 meeting

Wed, 19th November 2025



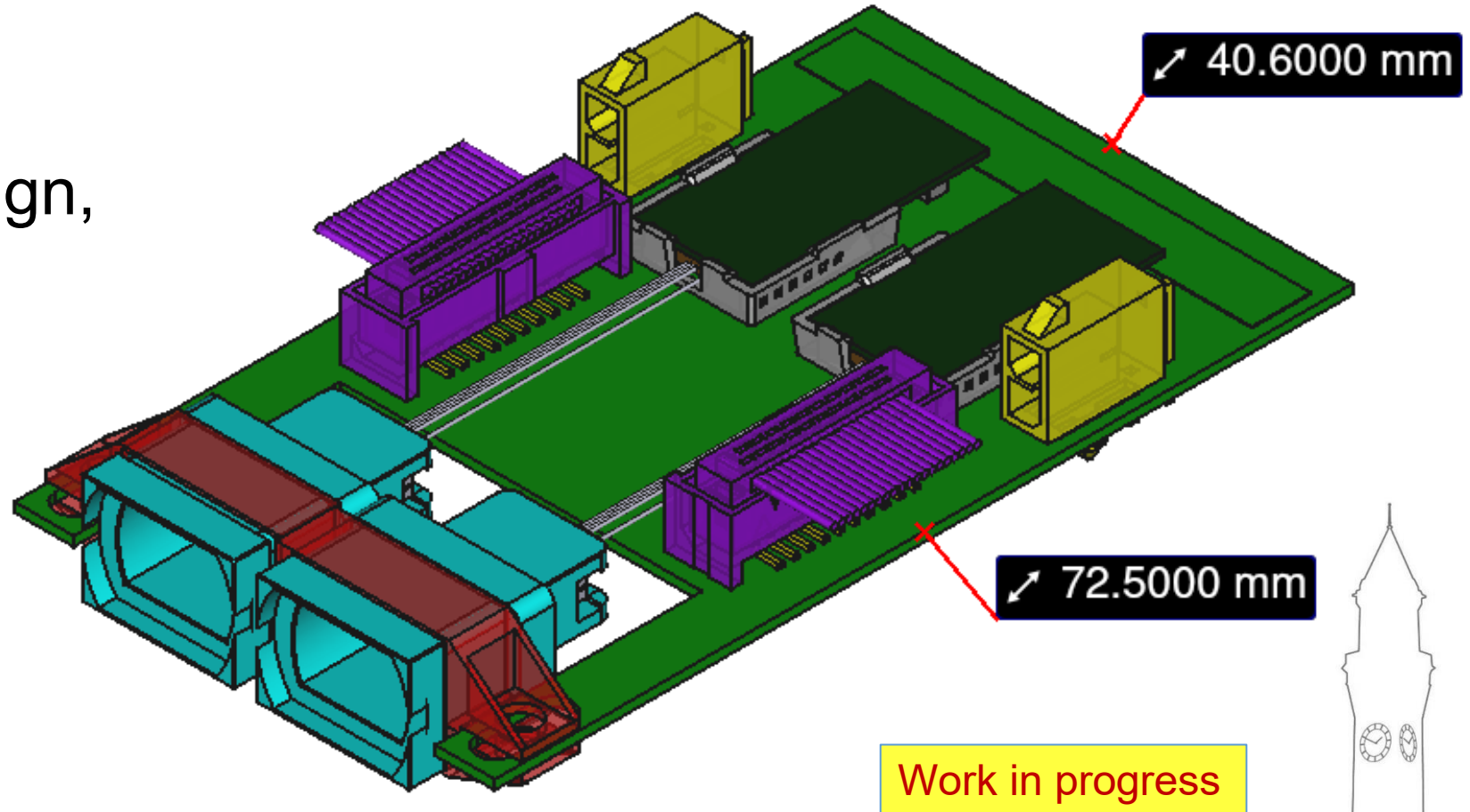
Previous L3 FIB

- Tried to minimise board width.
- Moved ribbon connector to top side of board
 - Board can then be mounted onto support cone without cabling annoyance.



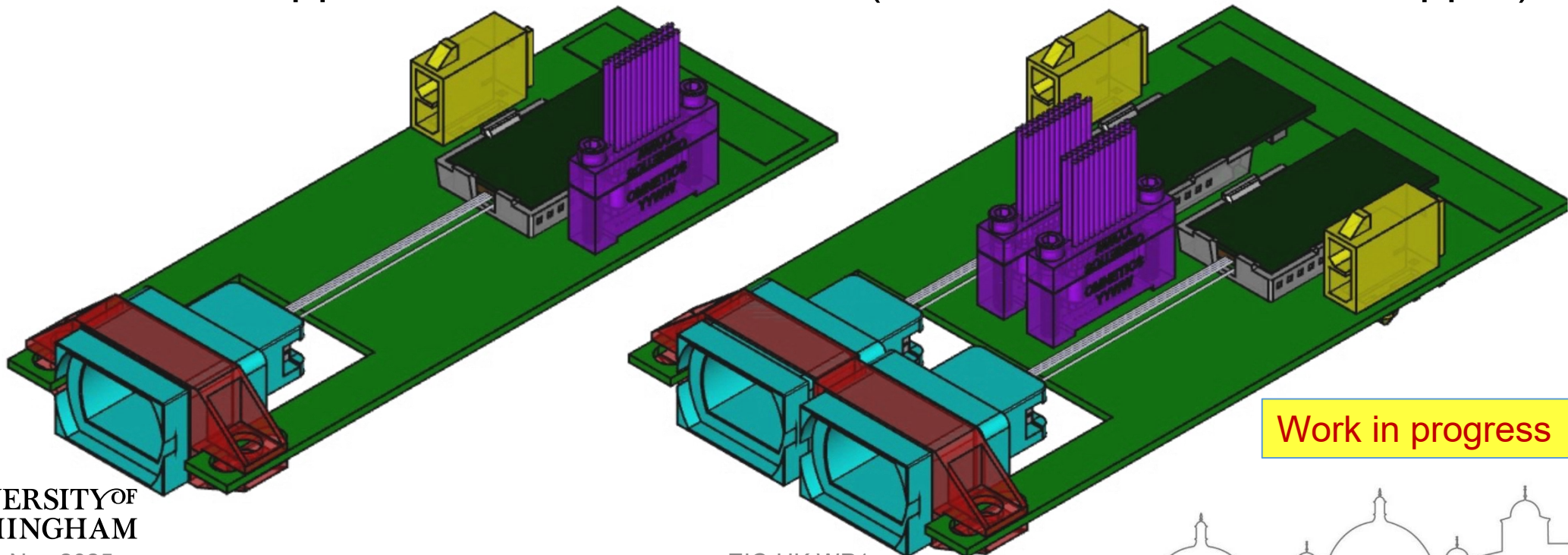
Previous L4 FIB

- Similar to L3 FIB design, but doubled up.
- Ribbon and power connectors would not work like this.

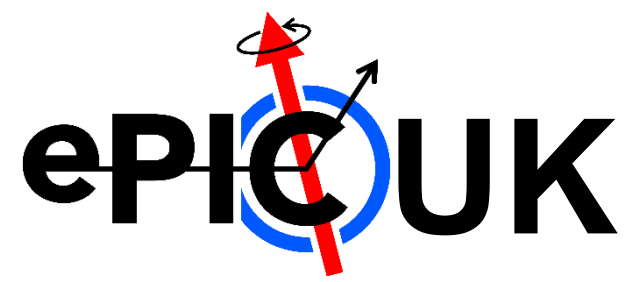


Current FIBs

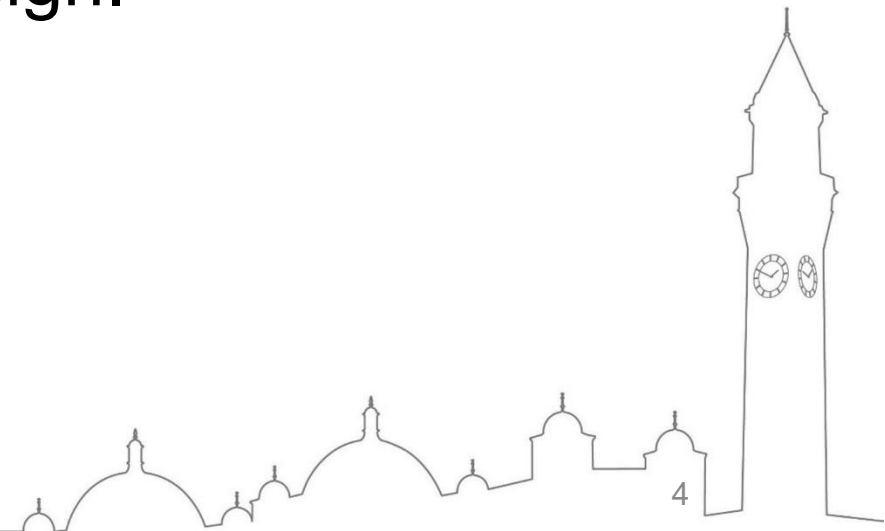
- No charge to board dimensions.
- Updates from ribbon to nano-D cable connector.
 - Enables use of round cables (easier to integration).
 - Enables copper clad aluminium wires (lower material than all copper).



Summary

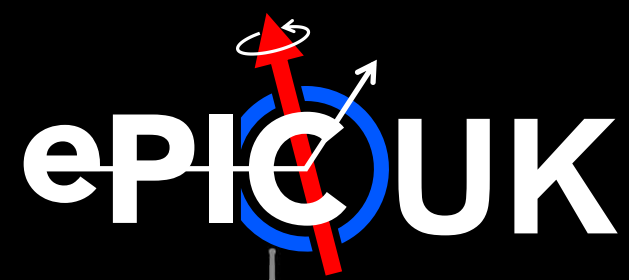


- FIBs are still a work in progress.
- Incorporating cabling constraints into the design.



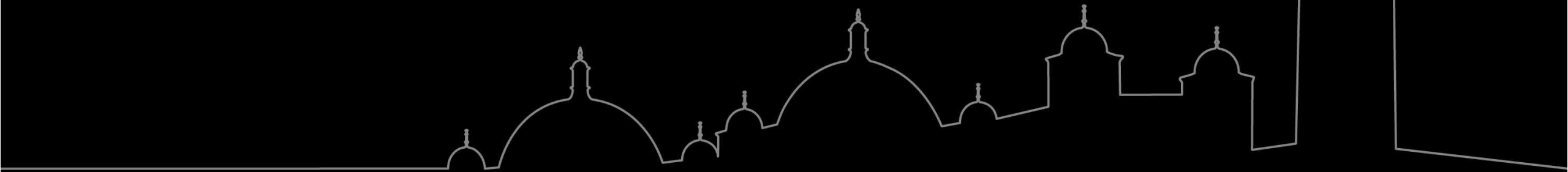


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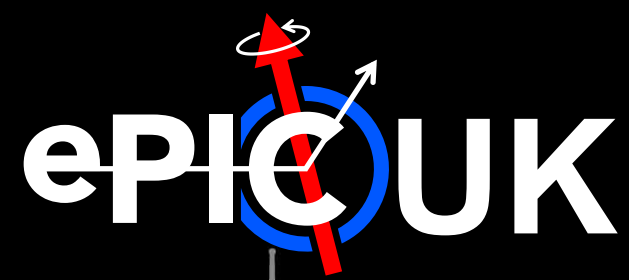
Thank you very much!

Any questions?





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Additional (support) slides

