

UIC contribution to AC-LGAD

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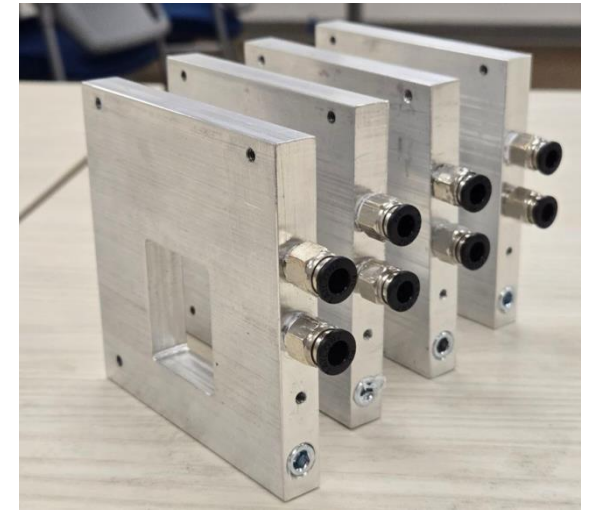
For SPS Test Beam

In-person travel to test beam:

- UIC can provide 1 person

List of equipment:

- Cooling blocks for “standard” Fermilab boards
- CAEN HV 4-channel power supply (DT5519EN)
- CAEN 16-channel digitizer (DT5742B)
- Mounting plate (a.k.a. optical breadboard)
- Experience of designing and fabricating various suitcases and enclosures for test beams (w/ and w/o cooling)



Efforts from UIC

- Working on the vacuum fixture design for the BTOF stavelet assembly
- Developed a couple of prototypes
 - The new version with the aligning pins has been produced and will be shipped to UCSC today

