



COLLEGE OF ENGINEERING
UNIVERSITY of HAWAII at MĀNOA

UH update

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AC-LGAD meeting

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Updates

- **Working on getting BNL account for graduate student, to be able to access database and help with including QA/QC procedure**
- **(hopefully final) language revisions to Jlab PED contract**
 - ECE student assistant will start on probe card specification and layout for EICROC and getting initial vendor quote
- **Are expecting to receive a 8" ALTIROC2 wafer from OMEGA in September, to exercise the probe station for large-scale probing**
- **Jenni to work on the ITP document for sensor QA/QC**
- **Would like to have a large sensor readout board from BNL when available**
- **Received double-metal HPK sensors from Satoshi in Glasgow: to be measured**

Updates

Postdoc Yubo: stationed at KEK

- **TOF sensor and readout testing**
 - Make arrangements for visit to Japanese groups
 - If there is a beam test at KEK, whether for bTOF or other AC-LGAD work: available to contribute
 - *We would be very interested on testing HP-SoC + sensor, if feasible*
 - Connect to Kentaro et al regarding TOF simulation/performance and integration with tracking – what still needs to be done or could be improved?
- **Curling tracks and t_0 studies for Belle II upgrade: some findings may be of interest to ePIC**
 - Initial study on curling tracks in ePIC: confirm most up to date configuration in framework
 - T_0 determination in relation to PID: short presentation