

ITk pixel system test

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Thanks to contributions from:

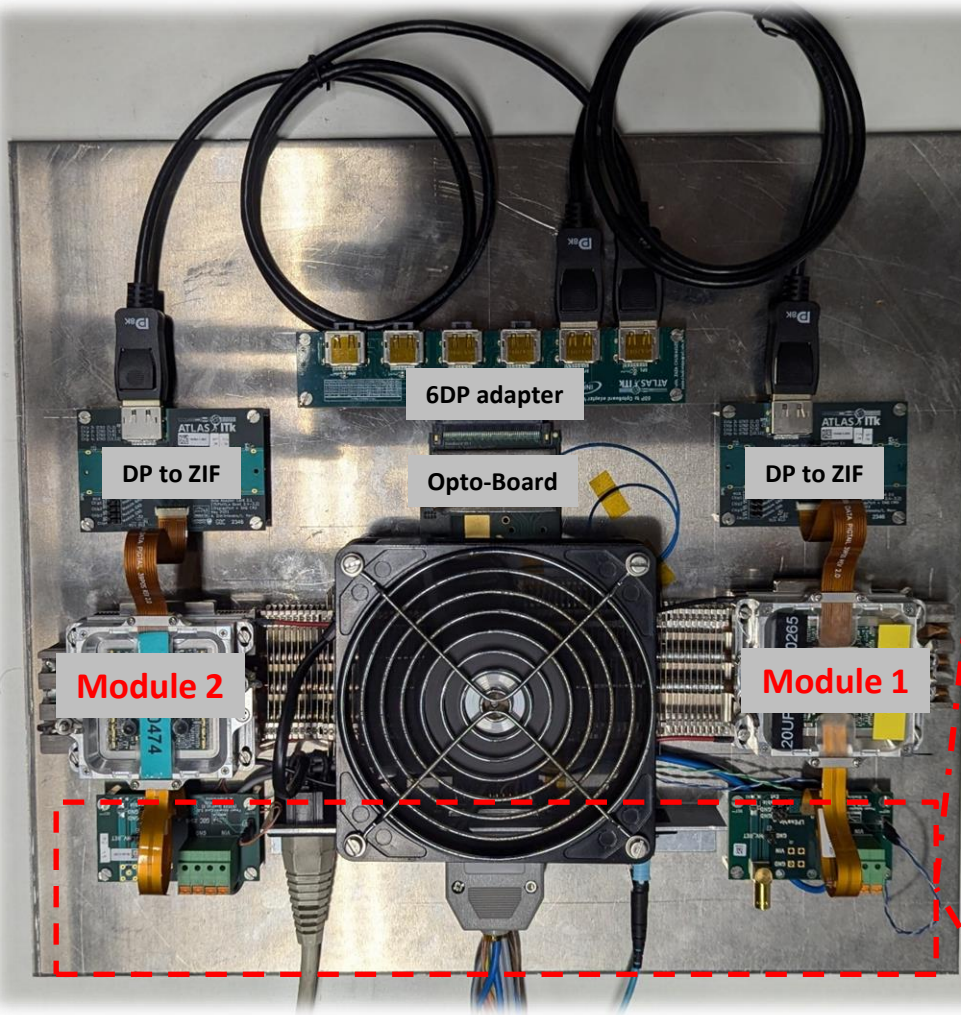
Marianna Testa, Matteo Beretta, Beka Buadze



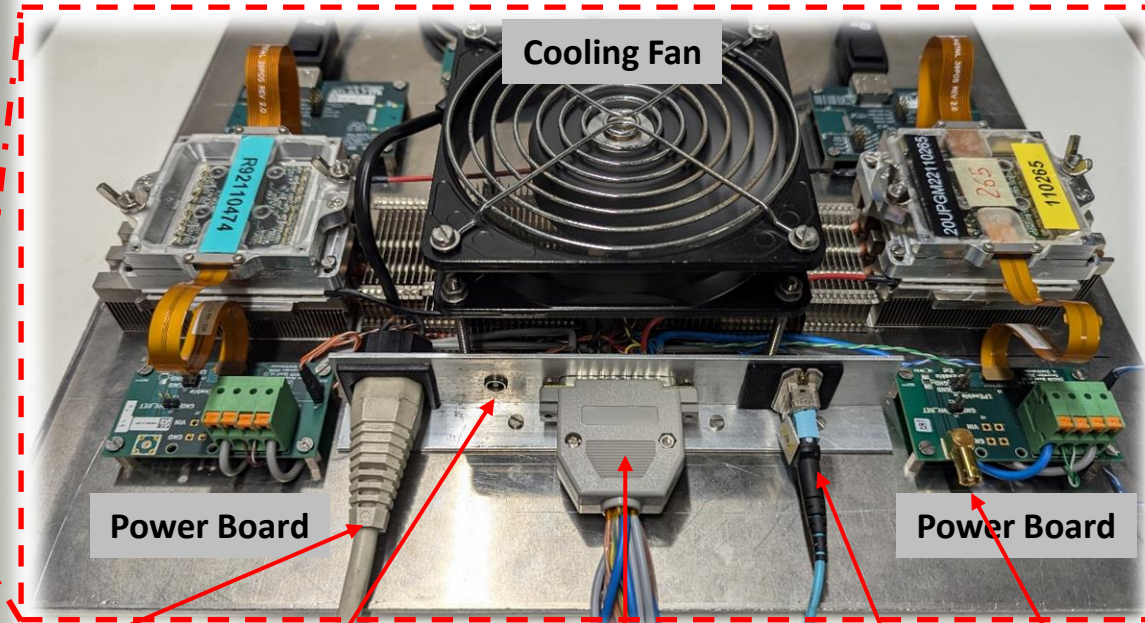
➤ Target:

Demonstrate two pixel modules in Serial powering.

Two Pixel modules in serial Power setup

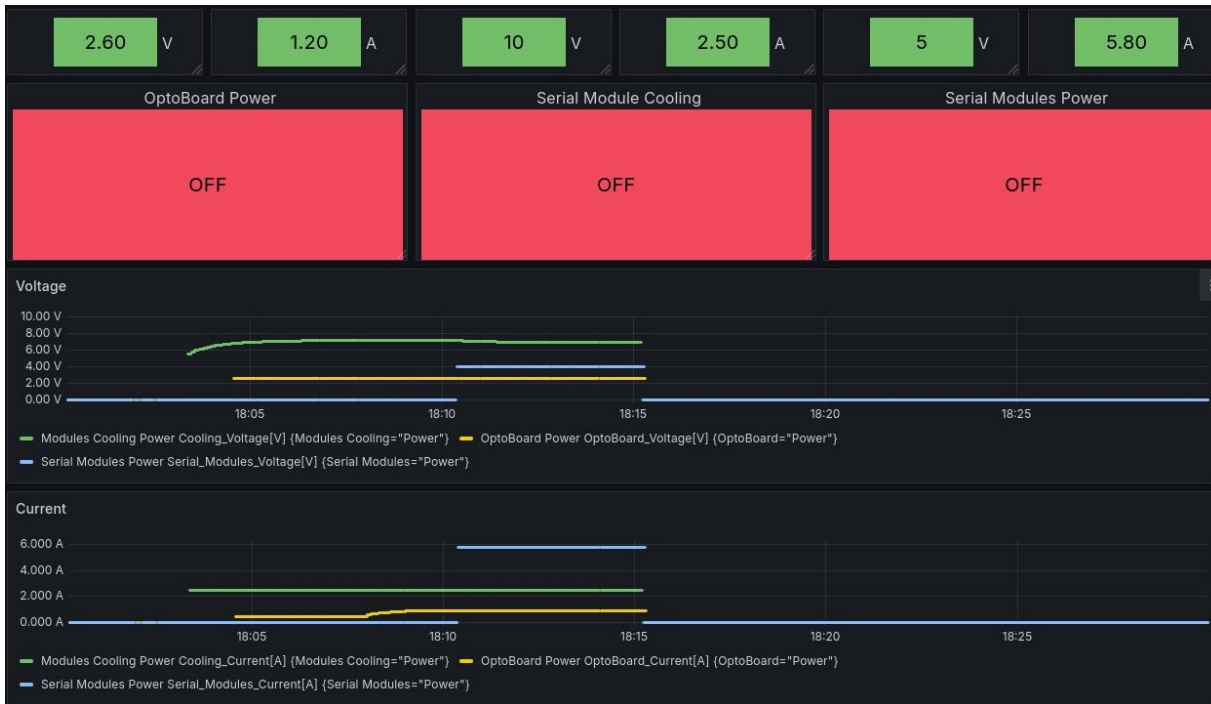


- Two Pixel Modules are connected in Serial Power (Modules with Digital and Sensor)
- The setup is compact and flexible to move and disconnect all services
- The setup is connected to Interlock system.
- The two modules in serial power data taking has been demonstrated.



Fan Power LP Mode pulser Power Connector Optic Fibers HV

Monitoring system



Power supply monitoring



Interlock Monitoring

Thank You For Your Attention!
Any Questions?