



ISU Experimental Nuclear Physics

- Two faculty, one research scientist, three postdocs, three grad. students, numerous undergrads
 - Funded by DOE HI and ME grants
- Experience with fast digital logic, detector design and construction
 - Responsible for PHENIX Level-1 trigger (hardware and firmware)
 - MPC-EX Si/W calorimeter (PHENIX)
 - Readout PCB designed by ISU
 - Sensors tested @ ISU
 - SVX4 readout chips wafer probed @ISU
 - sPHENIX outer hadronic calorimeter (L2 manager)
- Resources @ ISU:
 - Electronics design (mostly digital)
 - Both PCB and FPGA coding
 - Access to EE – probe stations and electronics labs
 - Relationship with local machine shops
- Interests:
 - Assist with testing, firmware

MPC-EX sensors on wafer (ETRI)

