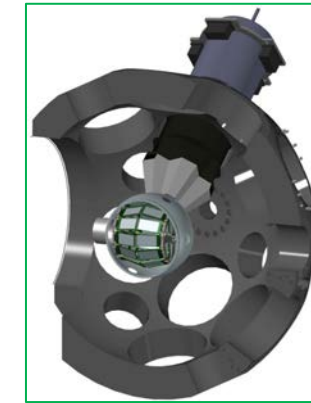
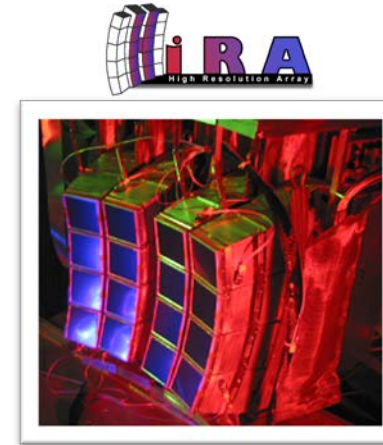


Silicon Arrays Working Group Summary

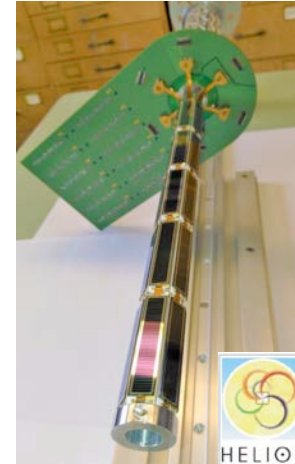
Seven contributions, 72 participants

- ANASEN Upgrades *Jeff Blackmon* LSU
- ORRUBA *Harrison Sims* Rutgers
- Si Arrays for Solenoids *Ben Kay* ANL
- GODDESS *Andrew Ratkiewicz* LLNL
- HIRA10 *Rensheng Wang* MSU
- HINP Upgrades *Lee Sobotka* WashU
- DRACULA *Gavin Lotay* Surrey



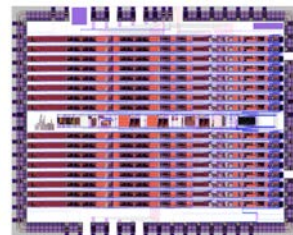
DRACULA

New HELIOS array



Topics

- Direct astrophysics with ReA beams
- Reaction dynamics/EOS
- Direct reactions with fast and ReA beams (structure, astro, applications)
- Opportunities with new Si manufacturers
- New HINP ASIC for Si (incl. improved preamps and CFDs)
- Proposed UK-led charged-particle array for fast-beam+GRETA+S800 experiments



New HINP chip



ANASEN Si upgrade

Silicon Arrays Working Group Summary

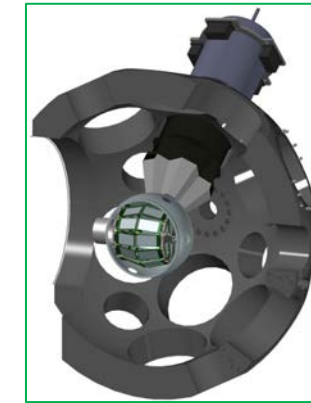
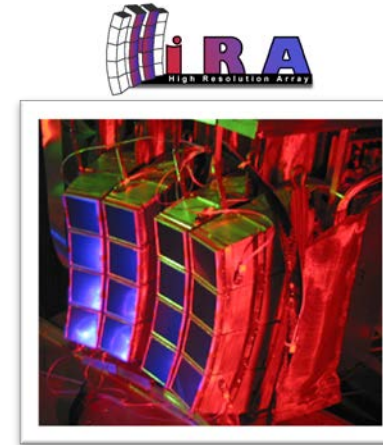
Talking points

- Highlighted need for *coordinated community resources* for development and maintenance of Si arrays (wire bonders, etc)

Please complete survey of community resources.

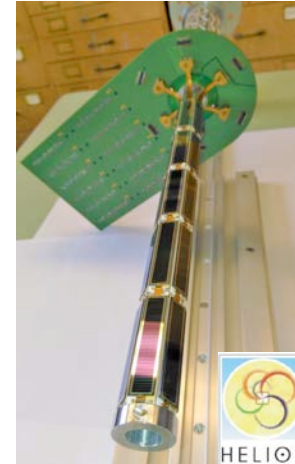
Link at: orruba.org/sawg

- Desire to maintain/foster compatibility/commonality between systems/devices (detectors, electronics)
- To sign up for the SAWG, see link at: orruba.org/sawg



DRACULA

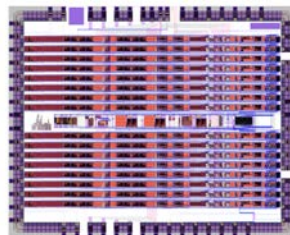
New HELIOS array



Statement of support

DRACULA is a UK-led project to develop charged-particle instrumentation for reaction measurements using energy-degraded fast beams at FRIB with the S800 and GRETINA/GRETA. The project includes refurbishments of the S800 focal plane and A1900 detectors.

The Silicon Arrays Working Group of the FRIB Users' Organization endorses the DRACULA project as a high priority for FRIB.



New HINP chip



ORRUBA



ANASEN Si upgrade