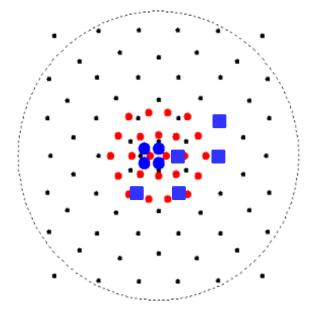
The swings:

- ASTRI groups awarded funding to construct 5...7 SSTs on the CTA southern site.
- Support ~ $\in 10M + 24$ FTEs.
- Giovanni Pareschi proposes to cover "entire" cost for 5 telescopes.
- Start construction end of 2014.
- The roundabouts:
 - Start construction end of 2014.
 - All technical, organisational and legal issues of establishing CTA now focussed on mini-array.

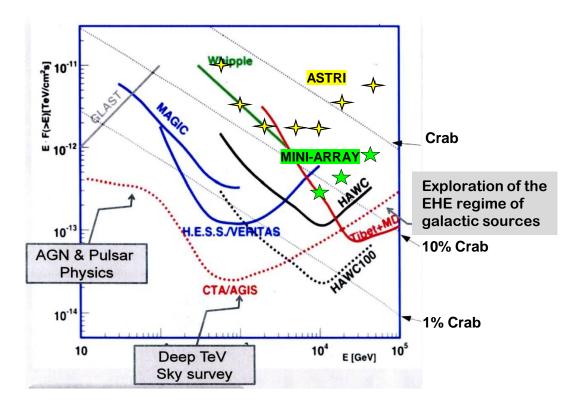
- Consortium as a whole and UK in particular should take this opportunity to perform earliest possible real test of CTA concept...
- ...and perhaps do some science at the same time.
- UK contribution one or perhaps two cameras.
- Others have declared interest:
 - DESY.
 - Amsterdam.
 - SST-GATE.
 - 4m DC SST team.
 - South Africa, Namibia, Argentina, Brazil.

Proposed layout:



- Circle r ~ 1 km, SST sep. ~ 250 m.
- Possible sites:
 - San Antonio, 3600 m.
 - HESS, 1850 m.
 - Cerro Armazones, ~ 2700 m.

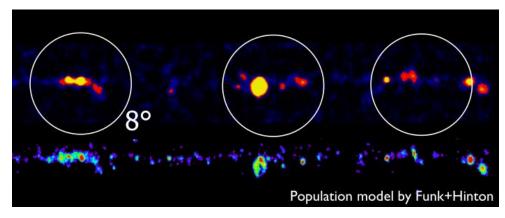
Expected sensitivity:



- Energy res. $\sim 10\%$ at 10 TeV.
- Angular res. ~ 0.07° at 10 TeV.

- Technical goals:
 - Develop infrastructure and procedures for installation and commissioning.
 - Extended test of Dual Mirror telescopes.
 - Perhaps compare SiPM and MAPM cameras.
 - Compare Target and EASIROC based cameras.
 - Test calibration and pointing systems.
 - Check trigger algorithms.
 - Test DAQ and control systems.
 - Check MC calculations.

- Science, examples:
- Look for bright galactic plane sources.



- Study IES 0229+200.
- If see photons with E > 25 TeV, implies these are hadronic in origin due to interaction of γ-rays with EBL.

- What should we do?
- Support mini-array within CTA start work on Memorandum of Understanding with Giovanni?
- Consider other possible technical contributions?
 - Optical back-up? (new Liverpool telescope?)
 - Intensity interferometry?
- Think about science we could do with mini-array.