# SAMBUCA Meeting Summary 18-09-2014

## Present:

Janet Anstee, Stephen Sagar, Hannelie Botha, Daniel Collins, Rob Woodcock

## Notes:

1. Second eRCP:
   1. Do we need a second full proposal? If yes, when do applications close?
   2. Alternatively, is there a way to roll the current proposal into a second round of effort? There is no new scope, just a requirement for more effort.
2. RW indicated that the AGDC is using Python2. He was unclear whether it would work from Python 3 as it had not been tested.
   1. Daniel to test access from Python3. It may be simpler to implement PySambuca in Python2 until the AGDC migrates to Python3.
3. Our view of the AGDC functionality was incorrect.
   1. It is not just a data service, but also incorporates processing, including support for per-pixel parallelism. This presents additional challenges for PySambuca, as the core routines will need to work with AGDC data and in a stand-alone fashion.
      1. Daniel to adjust the requirements list with this in mind.
      2. Team to discuss at meeting next week.
4. RW sent GovDex invites to the team, so we can access AGDC documentation and support.
5. RW indicated that the GovDex site contains an AGDC tutorial that can be carried out on NCI.
   1. Daniel to do.
6. RW indicated that other AGDC-related projects may have already implemented course-grained per-pixel parallelism in Python. PySambuca may be able to leverage that work.
   1. DC: the requirement to function both with and without the AGDC may reduce our ability to rely on AGDC parallel processing. However, the IPython framework provides well tested mechanisms for parallel processing from Python, so this aspect of the work does not pose a technical difficulty or risk.