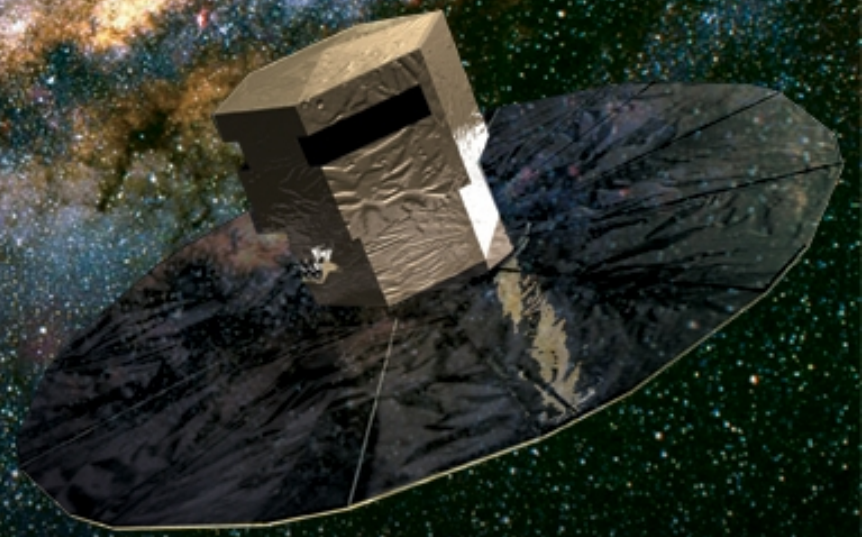
EUROPEAN SCIENCE FOUNDATION
SETTING SCIENCE AGENDAS FOR EUROPE

MARIE CURIE ACTIONS

GREAT Chemo-Dynamical Survey (GCDS)

Planning Beyond Existing Instrumentation



GREAT

Discussion Points: The Mix

- Planning / organising for a comprehensive GCDS
- In the mix to date through GREAT/GCDS:
  - 2 x 8-m LoI survey proposals
- In the mix with varying degrees of GREAT/GCDS
  - 4mMOSST: AIP → GA significant
  - GYES: GEPI/Paris → GA significant
  - WEAVE: RAL → GA significant
  - NIMOS: Edinburgh → some GA
  - MOONS: Edinburgh → some GA
- Others that have been discussed:
  - HERMES/ LAMOST/ SDSS-offspring/ EMIR/ ...

Some Open Issues

- All new instrument ideas have various degrees (large to small) of 'GCDS'
- Some new instrument ideas will emerge as reality on sky in the period 2015-2017
- In the design period – is GREAT/ GCDS science being input?
  - Probably yes – but optimally?
- In the survey period – will the data be available to the GREAT/GCDS community?
  - Discussion between the instrument teams

Towards cohesion

- End 2010 – clarity on the route for the ESO survey's
  - Agreed yesterday with a pln for cohsion on the design and specification of the GCDS-MW and GCDS-OC surveys
  - All material on the GCDS wiki
    - http://camd08.ast.cam.ac.uk/Greatwiki/GcdsFwg1EsoPs10
- end Jan/ early Feb 2011: meeting of 8-m survey teams
  - Agreement on shape of full cases to ESO
- end Jan/early Feb 2010 – suggest meeting of those new instrument team leads via a GCDS meeting to consider optimisation of 4-m and 8-m survey plans

GREAT and further networking

- Plan for next steps workshops
  - Specific functional activities: abundance analysis chain
  - Full GREAT/GCDS workshop ~early Sept 2011?
    - In advance of full ESO operations
    - Or perhaps have a meeting after early operations – so late 2011
- The next GREAT plenary: 21 – 23 June 2011 at the ULB, Brussels, Belgium
  - Room for discussions there.

Other Points

- Japan: WFMOS may return
  - Focus on the low res capability
  - But seeking collaboration – options for higher res
  - Next Subaru conference will focus on GA