

Gaia: Educational Opportunities enhanced by computational infrastructures

- Gaia will create a rich 3-D view of the Milky Way
- A powerful resource for education – the Asteroids, Solar System, Dynamics, Distance Scale, The Galaxy, Supernovae
 - Cross curriculum relevance: Maths, English, ICT, Computing, Physics, etc
- Tailored interfaces providing access to Gaia data for 1^{ry} and 2^{ry} schools
 - Static material for inclusion in curriculum, lesson plans
 - Dynamic material for illustrative purposes – use of VO or simple REST interfaces
- Material must be accessible (thus standard s/w \ h/w stack)
- Design of interfaces must involve those teaching teachers at the earliest stage – thus early involvement of Teacher Training establishments
- Interfaces need to be robust and stable over a ‘curriculum’ time-frame
- Internationalisation – world wide use of the data
- Simple is best – wide performance not high performance for max impact



gaia

