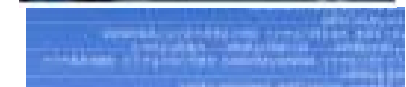
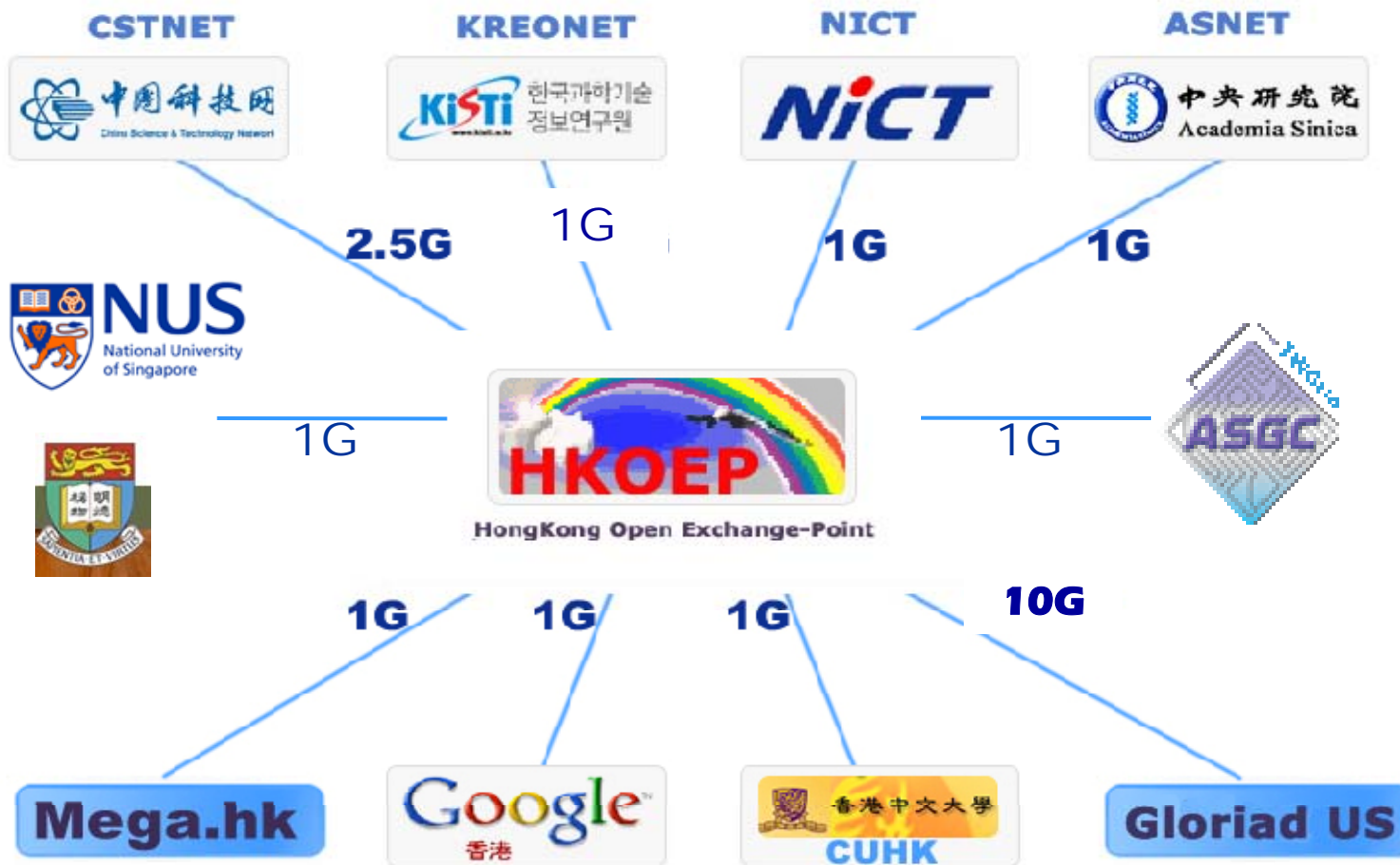


HKOEP Update

Jiangning Chen

**10th Annual Global LambdaGrid Workshop
13-14 October 2010, Geneva, Switzerland**

HKOEP Current Status



GLORIAD-Taj

USA-RUSSIA-CHINA-KOREA-NETHERLANDS-CANADA-
DENMARK-FINLAND-ICELAND-NORWAY-SWEDEN

INDIA-EGYPT-SINGAPORE-VIETNAM-GREENLAND

GLORIAD-Taj Program



Global Ring Network for Advanced Applications Development

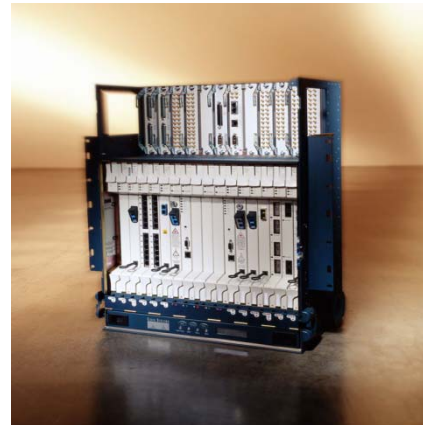


Map Credit: Natasha Bulashova

Equipment update



GSR 12008
Before 31 July 2005



ONS 15454
Mar 2006



Work from Jan. 2009
as expanded router



GSR 12410
31 July 2005



OME 6500
Aug 2007

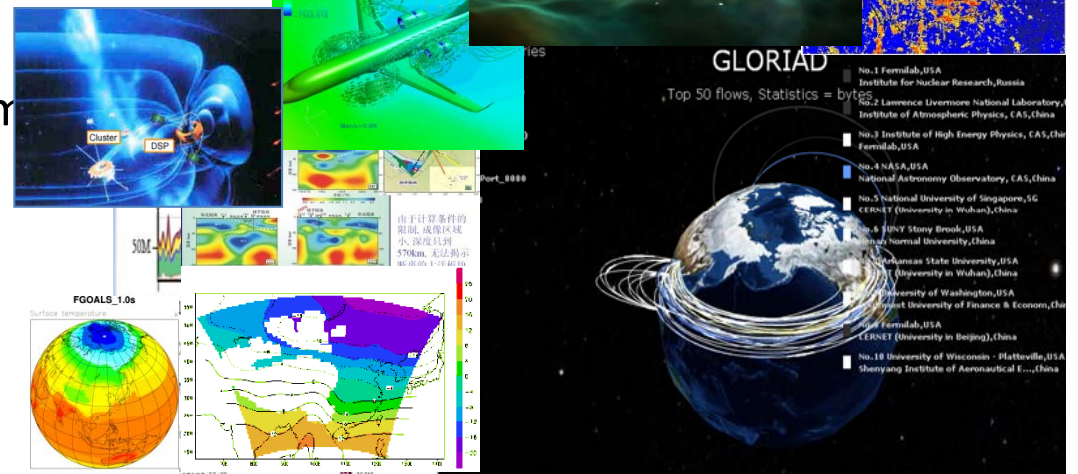


Plan to replace
GSR 12410 in
Dec. 2010

Network Management & Measurement

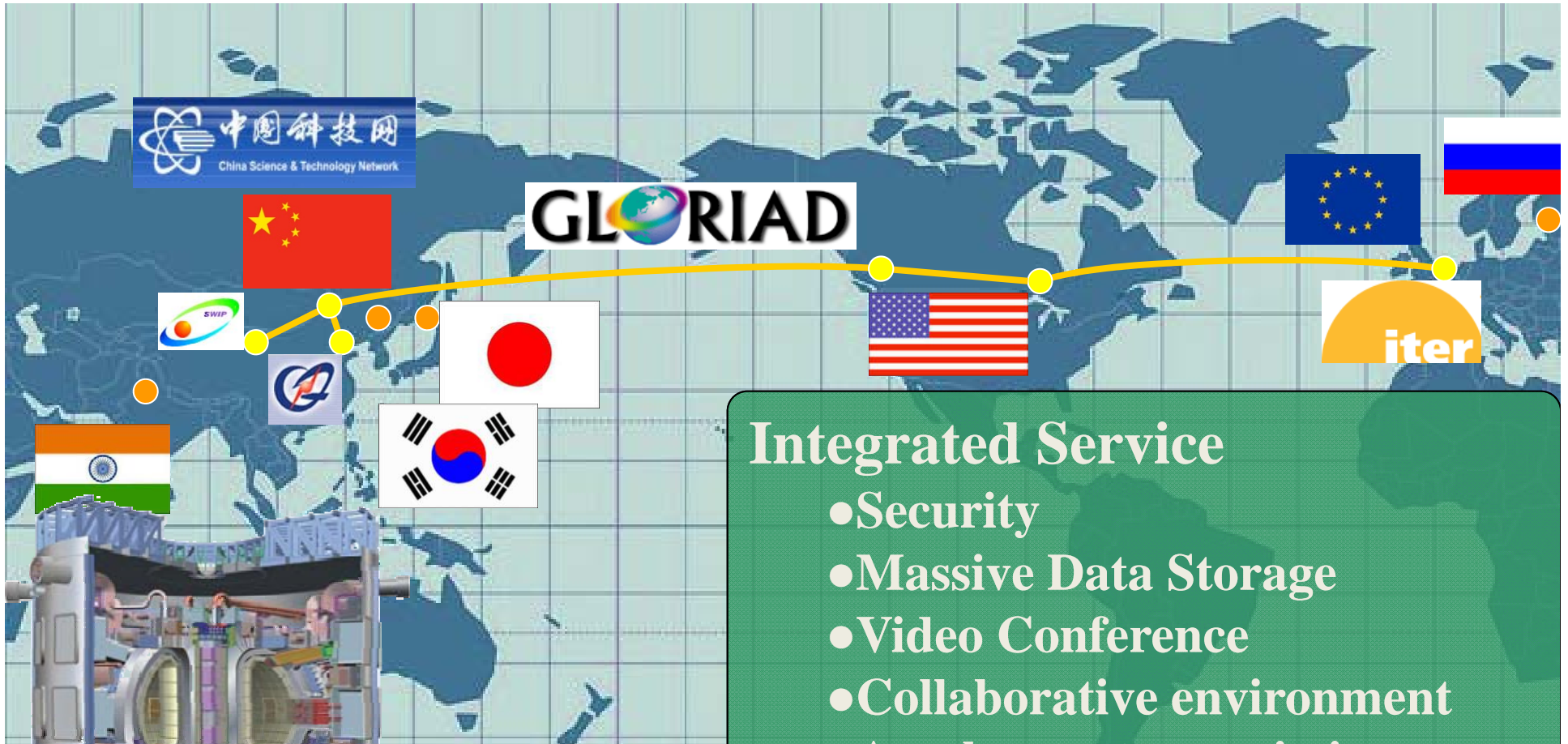


- * Atmospheric Scientists
- * High Energy Physicists
- * Astronomers
- * Nuclear Non-proliferation Comm
- * Oceanographers
- * Energy Science Specialists
- * NASA/Space/Earth Scientists
- * Seismologists
- * Bioinformatics, genomics,
- * Many others ...



GLORIAD DvNoc

Integrated Services for ITER



Lightpaths provisioning for eVLBI

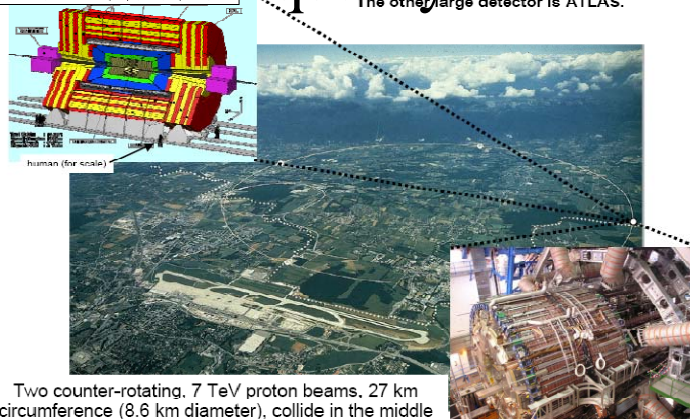


Future Internet Research

High Performance Transfer Protocol

- Requirements of bulk scientific data transfer:
- High throughput, reliable, real-time
- To design high performance transfer protocol for bulk data transfer applications and future Internet
- effort on helping end user get a better end-to-end

High Energy Physics
transmission quality



High energy physics LHC



Astronomy e-VLBI

Thanks