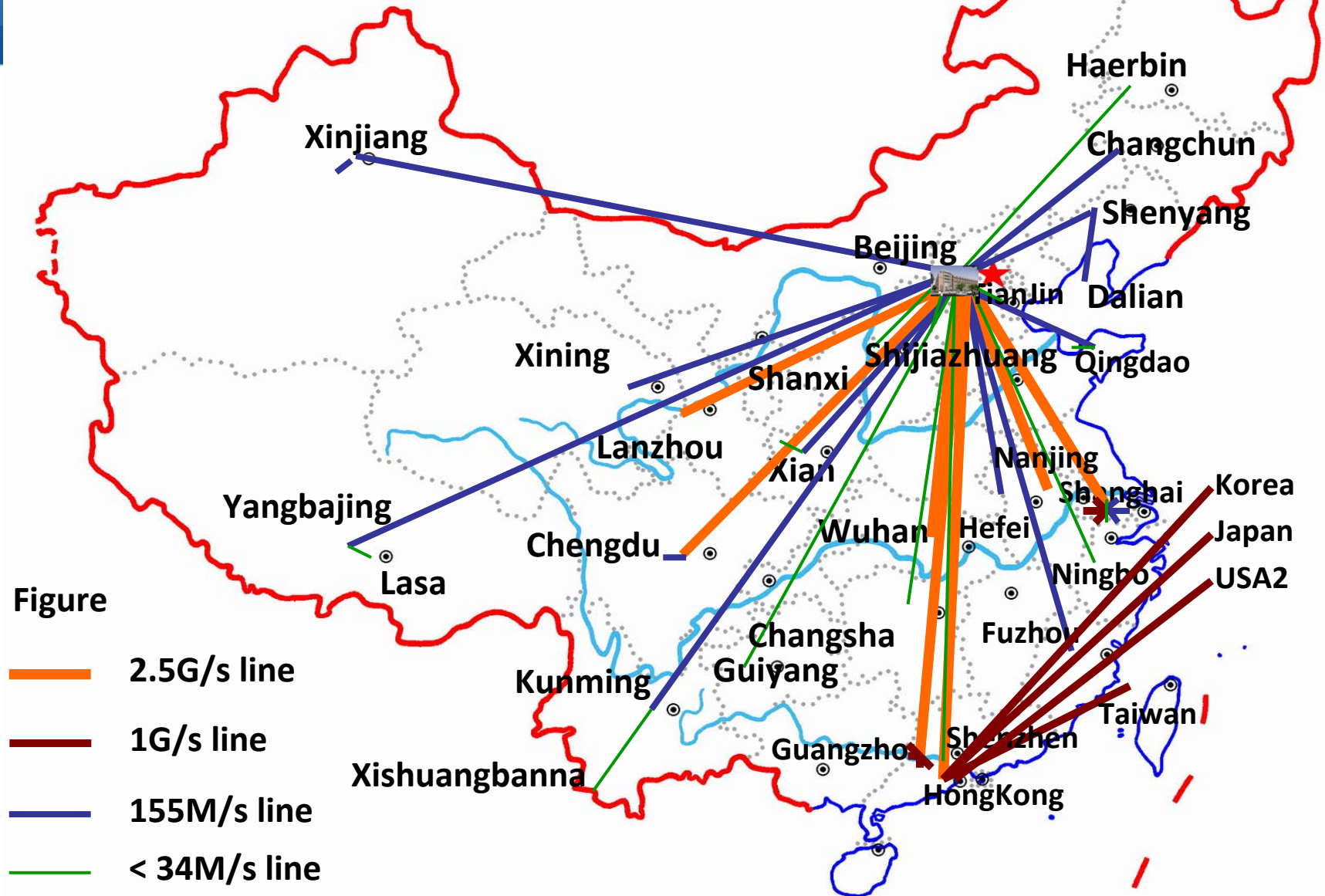


HKOEP Update

Haina Tang
China Science & Technology Network
27 October, 2009

China Science & Technology Network



Statistics for a glance

- Users
 - Internet link: 248 institutions
 - Scientific Database: +503 research directions
 - HPC end-user: +200
 - Email user: +60000
 - Video Conference per year: +700 with more than 16000 participants
 - CN user: +16 million (around China)
 - Science Museums of CHINA website viewers: +50000 per day

e-Science: Computing Hardware

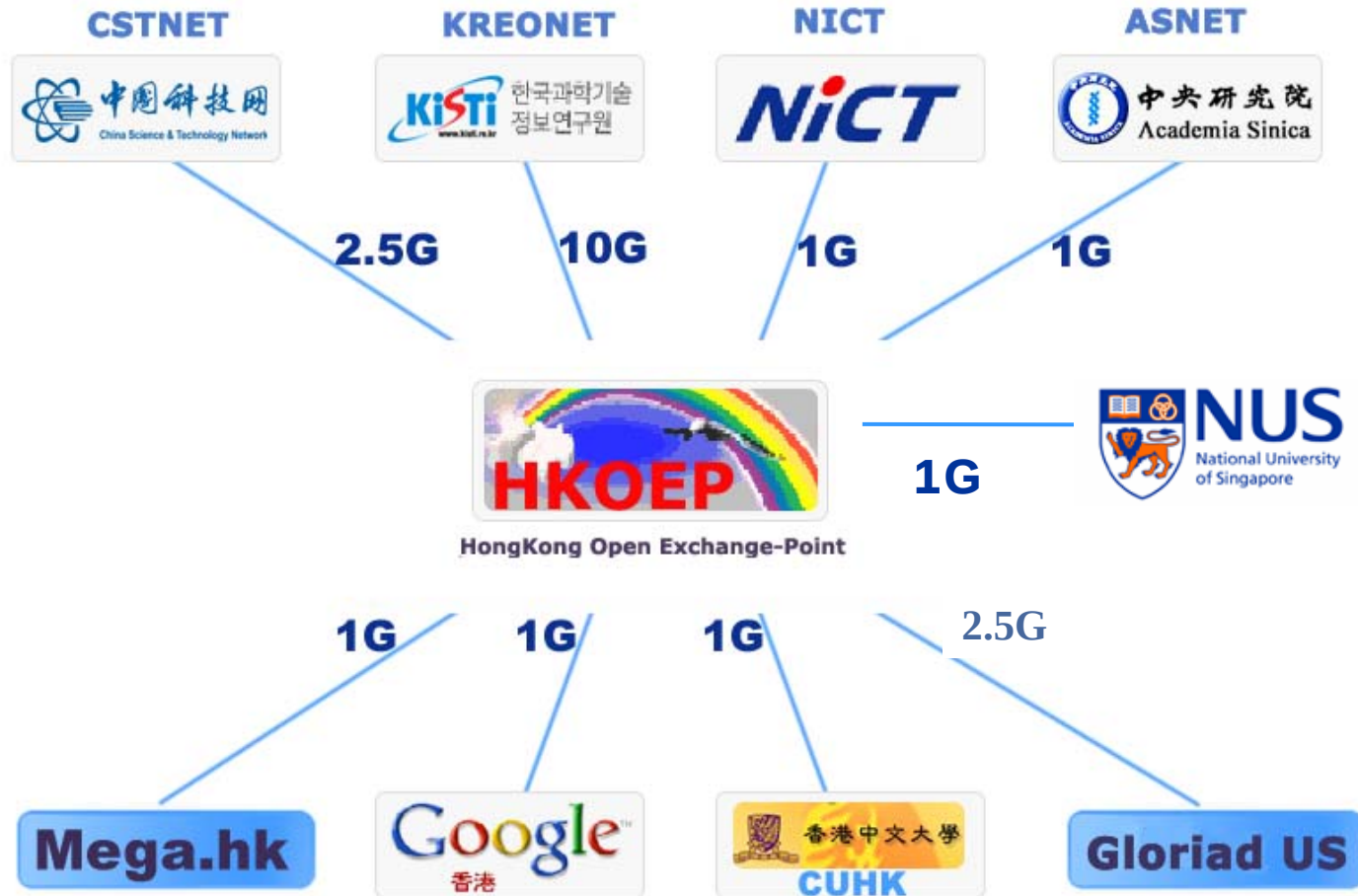


- ❑ **TOP 500, Rank 31 (June, 2009)**
- ❑ Came online in April, 2009

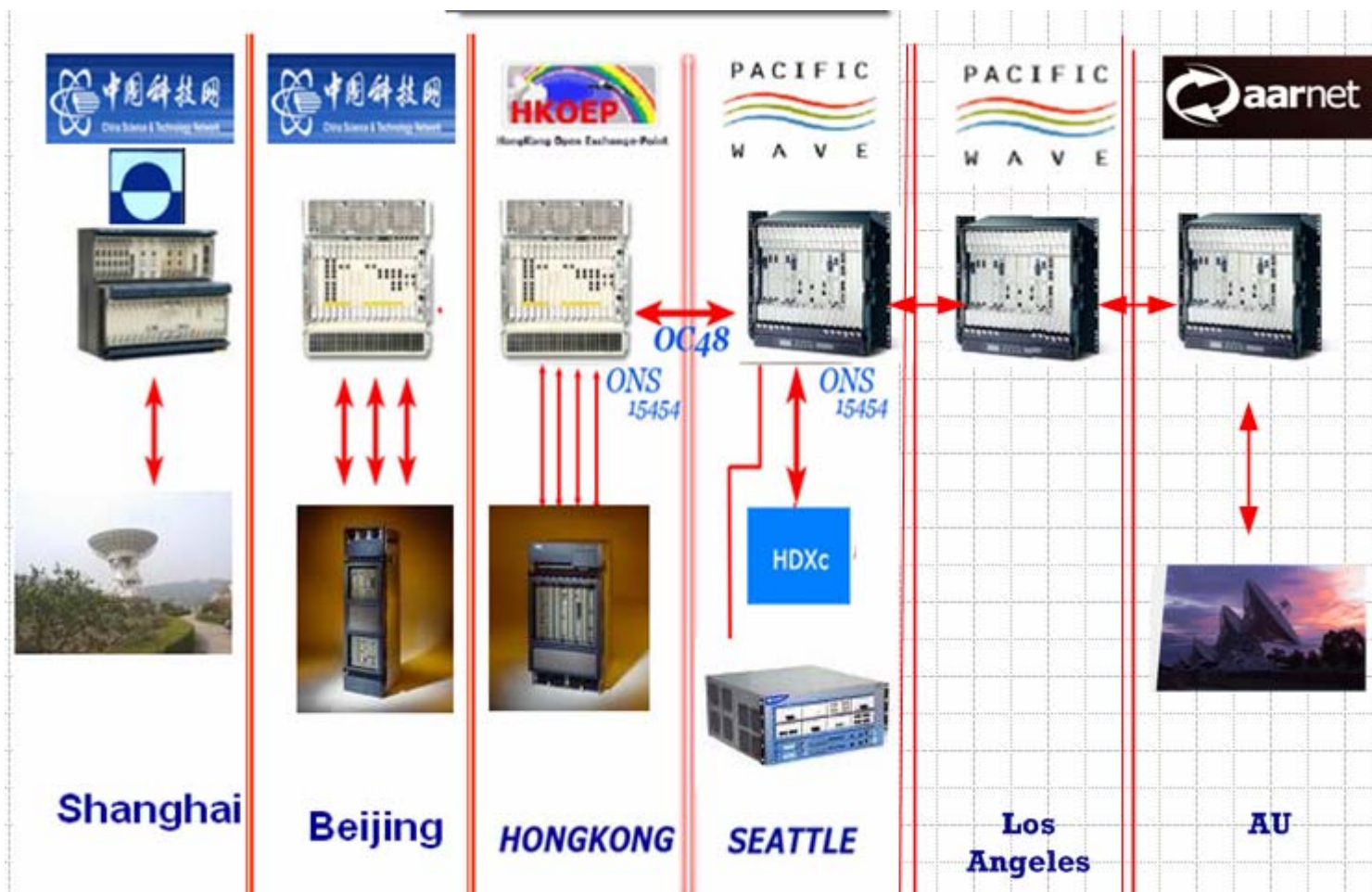


- **Lenovo DeepComp 7000**
 - Mixed architecture (Xeon + Itanium2)
 - More than 12,000 cores
 - Peak performance: **146TFlops**
 - More than 40TB memory
 - 350TB on-line storage, 1PB off-line storage
 - 4X DDR Infiniband Interconnected
 - Lustre, SNFS, IBM GPFS, SGI CXFS file system
 - Linux OS
- **SGI Synx 350**
- **Dawning**
- **IBM Cell BE**
- **More**

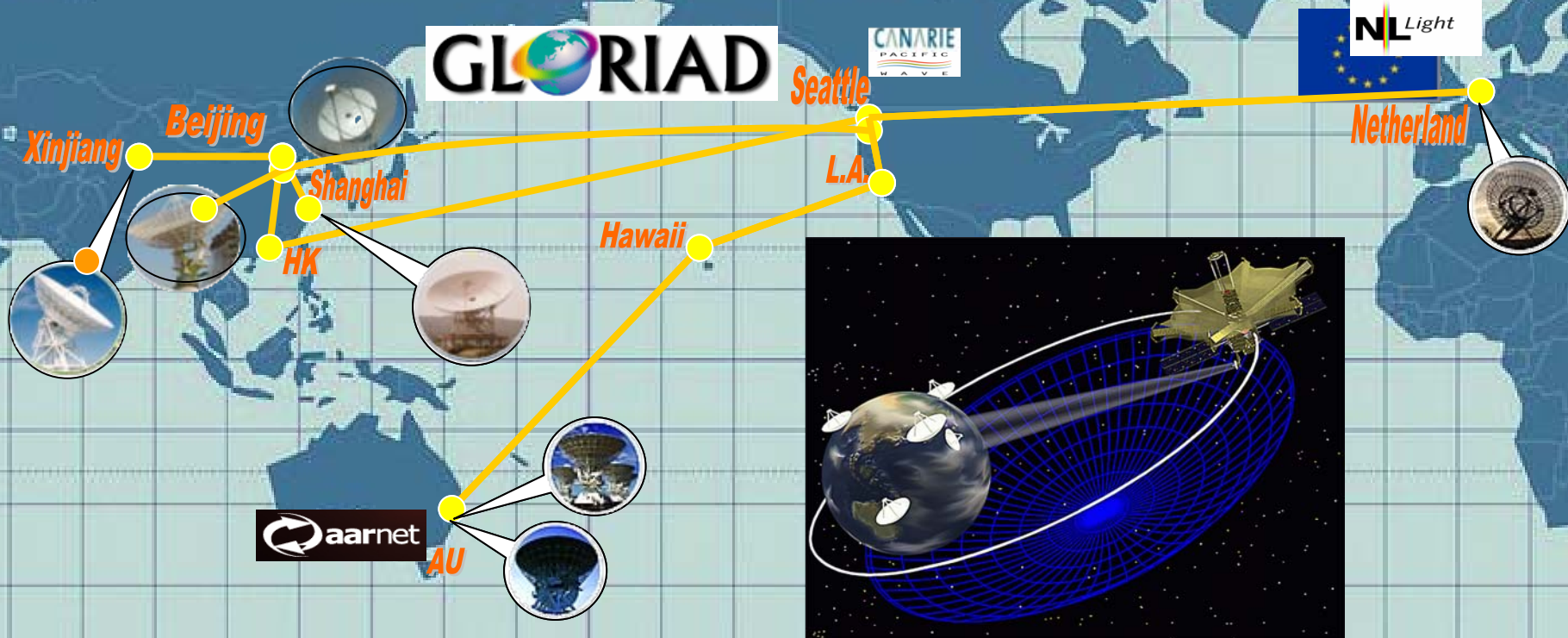
Hongkong Open Exchange Point



7th International eVLBI Workshop, (June 2008, Shanghai)



e-Science : Transmission / e-VLBI



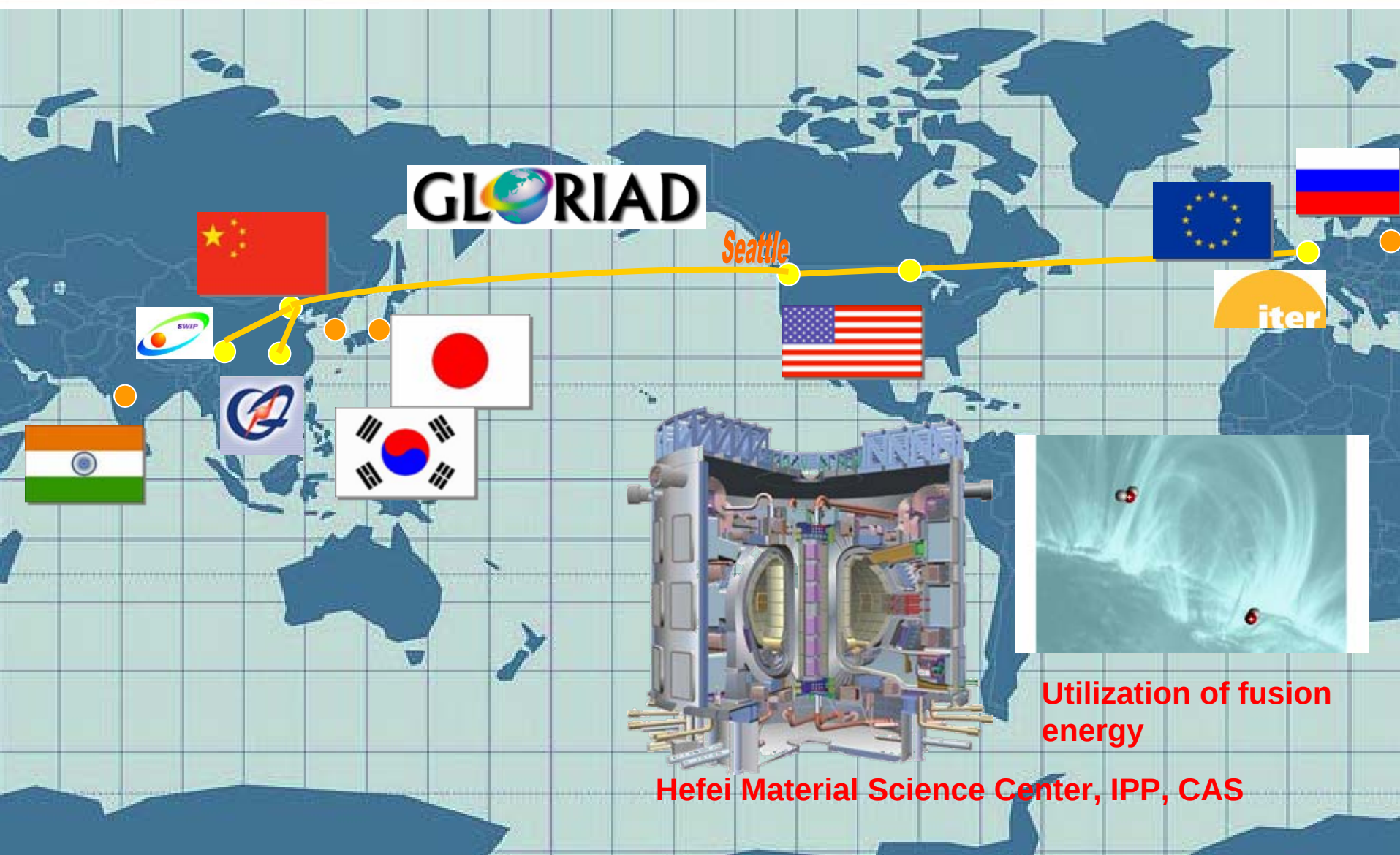
**National Astronomical
Observatories, CAS**

e-Science : Transmission / NERSC



Institute of High Energy Physics, CAS, Daya Bay

e-Science : Transmission / ITER



Organizing highlight Topics of Science Popularization



- Total eclipse living broadcast online and on mobile network

- Specific topic: Olympic and Science & Technology



Thank you

