



National
Center
for
High-Performance
Computing

TaiwanLight Updates

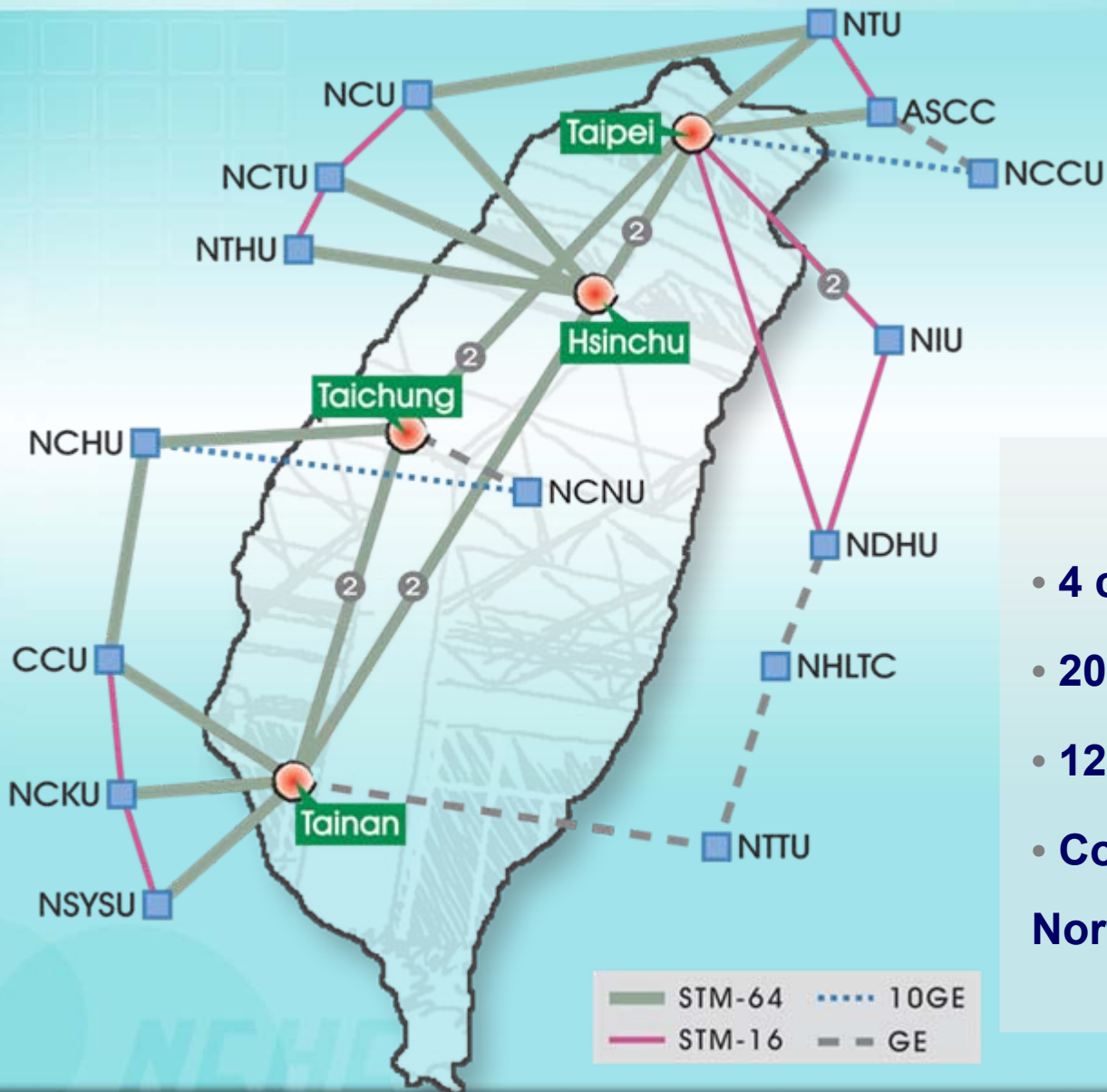
Li-Chi Ku

財團法人國家實驗研究院

國家高速網路與計算中心

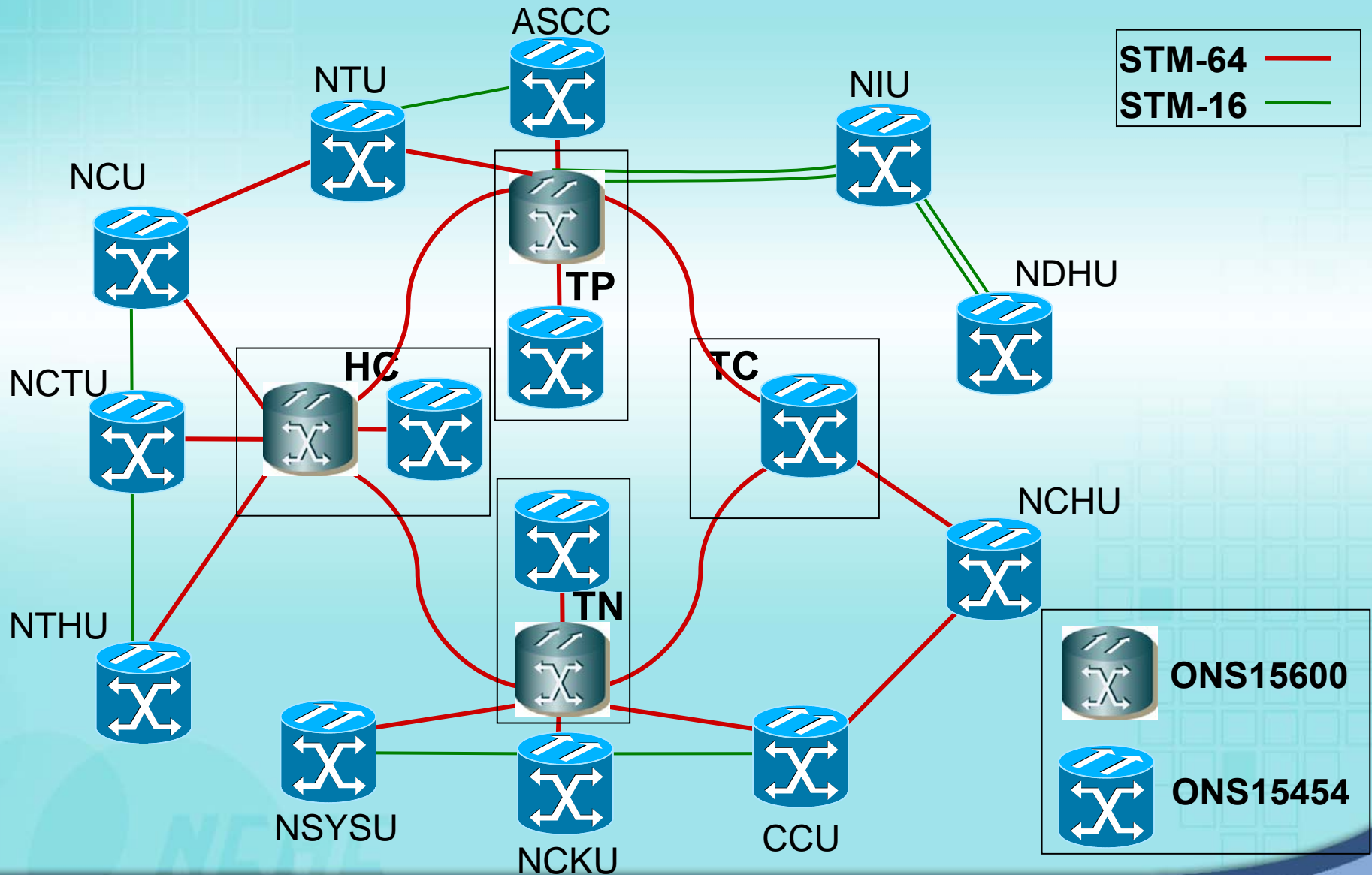
NATIONAL CENTER FOR HIGH-PERFORMANCE COMPUTING

TWAREN Architecture



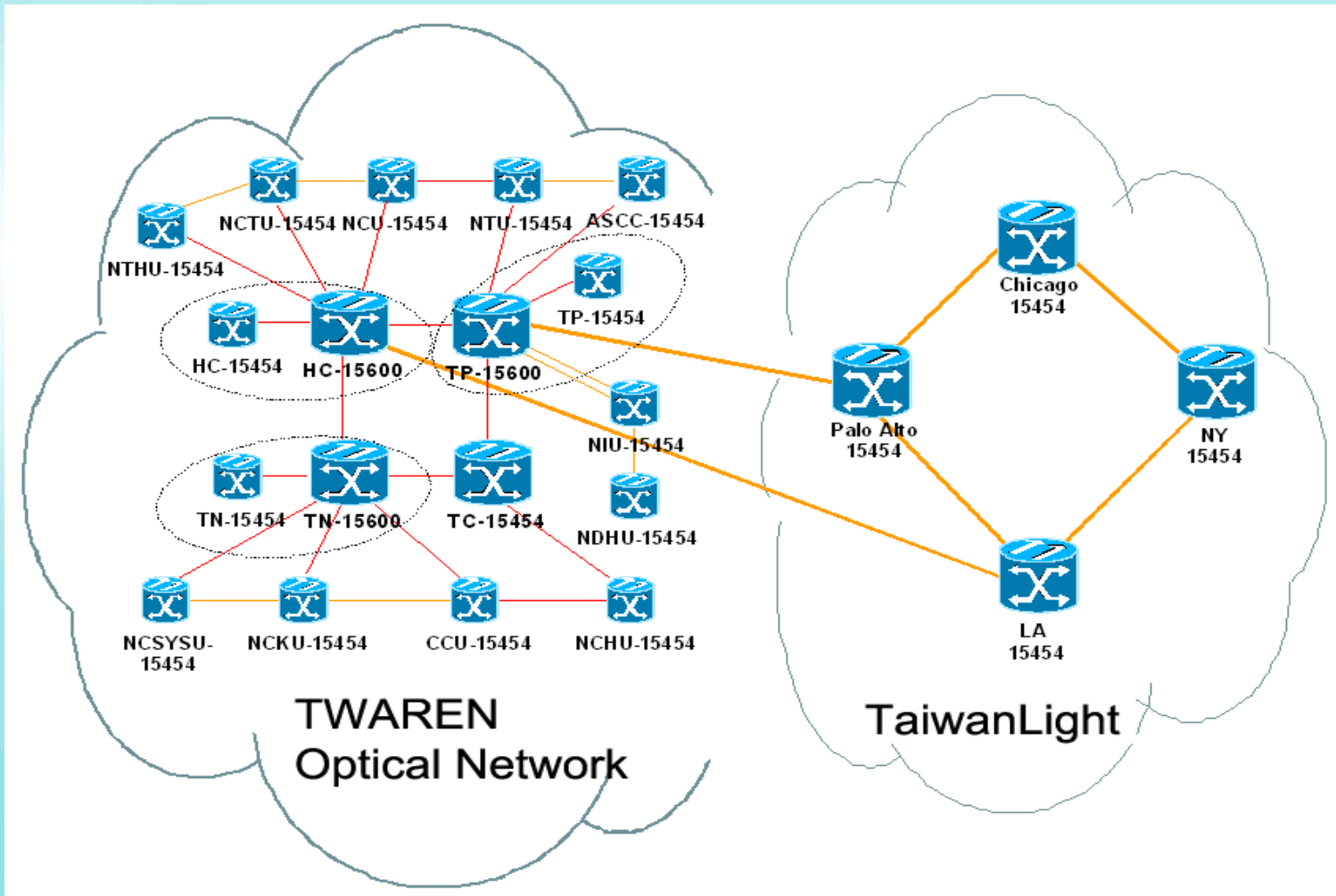
- 4 core nodes
- 20G backbone
- 12 GigaPops
- Connects HPC resources in North and South Taiwan

TWAREN Optical Backbone



TaiwanLight Logical Topology

- TaiwanLight is the international part of TWAREN (Taiwan Advanced Research and Education Network)



TaiwanLight Architecture



TaiwanLight Lightpath Topology



Live Ophthalmology Surgery

High-quality streaming of live ophthalmology surgery transmission with CESNet on 2007/10 (collaboration with NCKU College of Medicine and Central Military Hospital in Czech Republic).

