



TWGrid @ASGC

Simon C. Lin/ Eric Yen
Academia Sinica Grid Computing
Academia Sinica
Taipei, Taiwan

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- **Mission:** Foster Asian eScience Infrastructure for the benefit of the many diverse scientific communities.
- **International Collaboration**
 - **WLCG** (Worldwide Large Hadron Collider Computing Grid)
 - Only Tier-1 Centre in Asia
 - **EGEE** (Enabling Grid for E-scienceE):
 - SA1/ SA3/ NA2/ NA3/ NA4
 - Asia Pacific Operation Centre
 - Asia Federation Coordinator
 - **EUAsiaGrid:**
 - WP1 – Deputy Project Manager
 - WP3 – Support of Scientific Applications
 - Task leader of Mitigation of natural disaster
 - WP4 – Dissemination (Lead)
 - WP5 – Training (Deputy)
 - **APGridPMA: Chair**
 - **Volunteering Computing (Asia@Home)**





On-going Applications

- HEP (ATLAS, CMS, Belle)
- Biomed (Avian Flu, Dengue Fever)
- Mitigation (Earthquake Sensor Network, Seismic Wave Simulation, Earthquake Data Centre)
- Climate & Environmental Change: Carbon Flux monitoring, Climate Simulation
- Social Simulation
- Digital Archives
- GIS