

## Grids and Cloud Activities in Vietnam

Nguyen Hong Quang

IFI, Hanoi, Vietnam

[nguyen.hong.quang@auf.org](mailto:nguyen.hong.quang@auf.org)

### *Abstract*

Vietnam is participating to PRAGMA since 2002. Some universities in Hanoi and Ho Chi Minh City have created their research groups on grids and high performance computing. However, lacking of high bandwidth Internet connection and real applications, almost all activities on grids are from academic research projects. The EGEE Grid has been introduced in Vietnam in 2008 with the support of CNRS (France). At the same time, Vietnam has established a dedicated network for research and education (VinaREN) which is member of the TEIN 2/3 consortium. In 2009, three small EGEE nodes were installed on VinaREN at the Institute Of Information Technology (IOIT), the Institut de la Francophonie pour l'Informatique (IFI) and the Hanoi University of Science and Technology (HUST). IFI has participated to the EUAsiaGrid project (2009-2010) and has deployed their first application « gINFO – grid-based International Network for Flu Observation » on the Virtual Organisations (VO) euasia and biomed. Four other projects for Earth and Life Sciences with the active participation of partners coming from the Vietnam Academy of Science and Technology (VAST) have been identified recently and undertaken at IFI and IOIT. This talk will give more detailed information about past and current grids and cloud activities in Vietnam.