

## **IOIT-HCM System and Grid activities in Vietnam**

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IOIT-HCM Grid is research system for studying and deploying the Grid technologies in Vietnam. Our system is ongoing for researching e-Science applications on Bioscience, GeoScience and e-Health. The Open Source Software of Grid infrastructures were studying in IOIT-HCM Grid service are Globus Toolkit and gLite, and our beginning Grid applications is Biogird. The purpose of this pilot system is introducing our Grid activities to the Grid Communities. We also try to build up the Grid Forum in Vietnam for research and education in the near future.

As a key member in VNGrid project, we built up the grid connection between five main organizations in Vietnam through the VINAREN-TEIN2 network for research and education activities on Grid. On this VNGrid infrastructure, we tried to research and deploy the Grid technology with gLite middleware which was studied from EGEE-2, TWGrid and CNRS.

We are now trying to receive more support and collaboration from other Organizations to study expert experiences both in technical and application side. Our Grid system was finished step one on connecting to Taiwan using IOIT-HCM network for receiving and studying the Grid technology. For the near future, we will join to EGEE Asia Federation (EAF) to receive the operations technology and experience for deploying e-Science and develop the Grid Resource Centers.