

Grid Computing for Health and the Environment: Experiences and Perspectives in the Philippines

Rafael P. Saldaña

Ateneo de Manila University, Philippines

rsaldana@ateneo.edu

In this presentation, we will report on some Grid computing activities in the Philippines, particularly in the School of Science and Engineering of the Ateneo de Manila University. These activities include biomedical applications of Grid computing pertaining to content-based medical image retrieval as part of the ONCO-MEDIA (www.onco-media.com) project.

Also included in the presentation is the need for the establishment of a Philippine Cancer Grid. Another prospective applications is the use of Grid computing for natural disaster prevention and mitigation. Special emphasis on landslides and oil spills will be given.