

Particle therapy simulation on GRID

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High Energy Physics contributed to particle therapy very deeply for development of the facilities and also software. As the example of the latest contribution, we introduce our project to develop the software suit for particle therapy including simulation

engine based on the Geant4 Toolkit, DICOM interfaces, visualisation and GRID application. GRID technology helps to make the calculation time shorter and also distribute the information necessary among the different institutes. We developed the web interface to hide GRID for providing better user interface and to enable the access behind from the network firewall. We demonstrate our software suit including the GRID web interface in this talk.