乞掲示

理化学研究所原子核セミナー　*2005. 8. 8*

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題目 ： Introduction to Grid Computing

∗ The seminar will be given in *English.*

日時 ： 2005 年 8 月 8 日 (Mon.)　10:00 –

場所 ： RIKEN Main Bldg. 2F Seminar Room

Abstract

Grid computing and eScience are two major areas of growth in the field of distributed systems. The Grid concept refers to the virtualisation of computing resource in the sense that end-users should have the illusion of using a single source of "computing power" without knowing the locality of the computation. Great effort has been already invested in defining and building infrastructure, which provides such services, utilizing modern techniques (e.g. digital certificates used for granting access to machines for tools on behalf of the user, tools for workflow composition, web services etc.). In this movement are not only academical institutions but it has been joined by major companies such as IBM, HP, SGI, SUN and many others.

eScience is closely allied to the Grid concept, it refers to the new methods of utilizing Grid, especially with emphasis on collaborative work by geographically distributed teams. This model of collaboration is also referred to as Cyberinfrastructure, mainly in US.

This talk presents overview of the basic components of Grid infrastructure, it defines used core techniques and building blocks of the Grid in context of particle physics experiments.

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原子核セミナーについてのお問い合わせ

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