



## Networking EU & Chinese Grid Experiences for Innovation

### Press Release

**Beijing, China, 25 April 2007** – high on the agenda today at the 1<sup>st</sup> EchoGRID-EUChinaGRID Conference are new programming paradigms, the new priorities for management in Grids, on-going research & enterprise achievements. A key feature is the roundtable dedicated to future collaborative scenarios. Panelled by a team of experts from industry and research, this interactive discussion will highlight the main outcomes and set an EU-China research & technology agenda for mutual benefits.

The session dedicated to new programming paradigms includes a talk by Professor Zhiwei Xu, Institute of Computing Technology, CAS, entitled 'Network Centric Operating Systems', Professor Huamin WANG, NUDT (China), on Internet Virtual Computing Environment (IVCE), while Denis Caromel, INRIA (France) discusses Grid component models and active objects. Andrea Manieri, Engineering (Italy) presents the NESSI (Networking Software and Service Initiative) vision on research challenges. The talk by Zsolt Nemeth, SZTAKI (Hungary) explains a new framework enabling the modelling of complex workflow patterns.

The Thematic Session on Management in Grids highlights the increasing need for management mechanism enabling Grid computing to satisfy diverse application requirements. The presentation by Professor Zhongzhi Luan, Beihang University, explains why management should be an essential attribute of Grid on account of the large-scale Grid environment and rapid extension in terms of both resources and networking. Management mechanisms need to be flexible and automated. Professor Luan discusses the state of the art, key issues and useful technologies & related research activities. The talk by ETICS Project representative, Andrea Manieri, revolves around a Quality Certification Model for Grid research projects, showcasing the ETICS Feasibility Study. ETICS is aimed at developing a Grid-based infrastructure for building and testing distributed software. ETICS tools take care of the whole integration-build-testing-packaging phase crucial for many research projects.

Thierry Priol, INRIA, Federico Ruggieri, University of Rome, and Professor Depei Qian will wrap up this 2-day conference, underscoring its highlights and the input that will serve as a driving force to test and deploy an effective Grid infrastructure between the two regions and ensure long-lasting collaboration.

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