

Joint EGEE and SEE-GRID Summer School on Grid Application Support

**Budapest, Hungary
25-30 June, 2007.**

www.egee.hu/grid07



Introduction

The need for intelligent, Internet based inter-organizational collaborations is stronger than ever. Advanced results in science can be achieved by sharing and using scientific instruments, computers, data and knowledge bases in a collaborative fashion. Companies can survive on rapidly changing markets only if their e-infrastructures can be swiftly adapted to new challenges, if their IT systems can be easily reorganized into more profitable structures.

Grid infrastructures and tools developed within the EGEE and SEE-GRID projects enable researchers and companies to create multi-institutional virtual organizations that control the interactions among physical, logical and human resources. EGEE – SEE-GRID solutions provide improved flexibility, scalability and efficiency for IT systems in both scientific and industrial settings. The EGEE Grid – collecting over 30,000 CPUs 5 Petabytes (5 million Gigabytes) of storage from 40 countries – is ideal for any compute intensive and collaborative application, especially where the time and resources needed for the computation are considered impractical when using traditional IT infrastructures.

EGEE already supports applications from several scientific and industrial domains, such as high-energy physics, astrophysics, computational chemistry, earth sciences, finance, fusion, geophysics, seismic processing, healthcare, geography, digital libraries, archaeology and multimedia.

Scope

The Joint EGEE and SEE-GRID Summer School on Grid Application Support aims at introducing EGEE – SEE-GRID grid technologies to potential user communities and studying and practicing application development methods on the EGEE grid. Existing EGEE and SEE-GRID users can advance their knowledge on recent tools available for application developers and end users. Experienced lecturers from the EGEE and SEE-GRID projects will deliver talks and hands on exercises on grid concepts, services, application development methods and tools. During dedicated sessions the attendees – with the help of our grid experts – can port their own applications onto production grid infrastructures.

Target audience

The summer school is open for anyone interested in the use of EGEE and SEE-GRID tools, technologies and infrastructures. The primary focus of the school is on how end-users can apply the EGEE middleware and related software services to define and operate distributed applications on top of inter-organizational IT infrastructures. The school provides a perfect occasion to learn the usage of grid systems without the irrelevant low-level technical details. During dedicated sessions the attendees' own legacy applications can be ported onto EGEE and SEE-GRID. Representatives of the EGEE and SEE-GRID application developer communities will assist participants to understand the process of application gridification, to identify concepts and services that are relevant to their specific problem and to implement and install gridified applications on a production infrastructure. Besides getting first-hand grid user experience the school will be an excellent forum to meet the representatives of grid user communities, grid infrastructure providers and grid tool developers. The summer school will be conducted in English, no simultaneous translation will be available.

Venue

Budapest, one of the most beautiful historical capitals in Europe, situated on the banks of the Danube, will host the summer school. The architectural beauty with its monuments from neo-classic through baroque to eclectic art nouveau is prevalent in the city. Budapest is also world famous for its artistic abundance of concerts, operas, recitals, galas and exhibitions. The warm hospitality of people, excellent food and wine reliable and frequent public transportation, vivid cultural life, rich museums attract millions of visitors every year. Visitor friendly visa policy, value-for-the-price services and goods, and pleasant climate make Hungary one of the most popular meeting venues worldwide.



More information and registration

For additional information on grid computing, school program, registration and hotel reservation please visit www.egee.hu/grid07

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