

The Fourth International Summer School on Grid Computing 2006

Jolly Hotel delle Terme, Ischia,
Bay of Naples, 9-21 July 2006



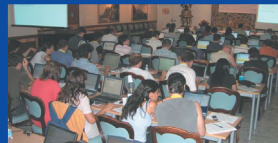
Grids underpin the rapidly emerging e-Infrastructure and Cyberinfrastructure. This will transform information-intensive and model-based thinking. It will enable global collaborations to make rapid advances addressing challenges in science, economics, design, engineering and medicine, in fact in all walks of life.

The School will bring together world experts and enthusiastic students. It will examine the conceptual and practical underpinnings of today's grids. Experts will discuss the challenges of building and sustaining e-Infrastructure, report its rapid influence on the way we research, design and make decisions. They will share their vision of the developments and challenges ahead.

The School will include lectures on the principles, technologies, experience and exploitation of Grids. Lectures will also review the research horizon and report recent significant successes. Lectures will be given in the mornings. In the afternoons the practical exercises will take place on the equipment installed at the School site in Ischia, Italy (near Naples). The work will be challenging but rewarding. A social programme will help the students to form lasting friendships.

To support the hands-on laboratory sessions, a testbed will be established that will host widely used middleware produced by projects in the USA, Europe and Asia. The testbed will be connected to major international Grids and provide a rich environment for hands-on learning and experimentation. Exercises and team work will encourage students to learn by using this testbed.

Students will be fired with enthusiasm, equipped with practical skills and will leave with many shared experiences, new friends and a new capacity for research into and using advanced distributed computing systems.



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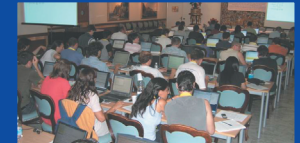
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The target audience will include enthusiastic young researchers who expect to use or develop grids in their research. We look forward to greeting participants from virtually every continent. Applications are invited from enthusiastic and ambitious researchers who have recently started (or are about to start) working on Grid projects. Students may come from any country. They may be planning to pioneer or enable new forms of e-Infrastructure, to engage in fundamental distributed systems research or to develop new methods in any discipline that depends on the emerging capabilities of e-Infrastructure.

In all previous years the School has been oversubscribed. Selection for the School is therefore competitive based on the information supplied on the application form and by an applicant's referee. We expect to accept between 60 and 70 students. We will be looking for students with commitment and enthusiasm for Grid research and development. We will expect competence and experience in some aspects of software development, distributed systems, computational systems, data systems and Grid applications. Most students will establish their credentials from academic qualifications, but some will base this on experience. We also welcome as participants educators who are planning to teach Grid computing. The Summer School will be conducted in English, so participants are expected to be comfortable using spoken English.

We expect participants from computer science, computational science and any application discipline. The School will assume that students have diverse backgrounds and build on that diversity.



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Deadline for applications is 1 May 2006

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