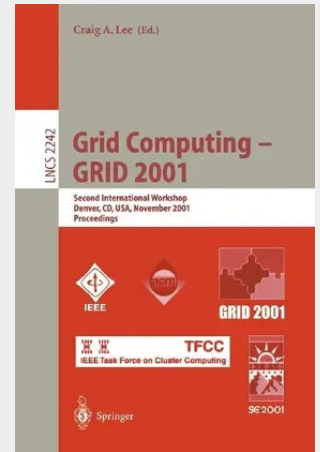


Grid Computing - GRID 2001

Second International Workshop, Denver, CO, USA, November 12, 2001. Proceedings

The term "grid computing" is based on an analogy with the electrical power grid: computing capabilities should be ubiquitous and easy to use. While the development of what we now call grid computing is, in many ways, part of a natural progression of work done in the last decade, what's special about it is that all of its enabling technologies are converging at once: (1) a widely - ployed, network infrastructure will connect virtually every device in the world, (2) an interface technology is widely understood and embraced by virtually every segment of science, technology, commerce, and society, and (3) there is a wi- spread, and growing, understanding of the properties, capabilities, and services that are necessary and possible to utilize this infrastructure. Information services and resource brokers will allow the dynamic sharing of resources for applications large and small and enable virtual organizations. These properties, capabilities, and services will be used in different contexts to enable different styles of c- puting such as Internet computing and Peer-to-Peer computing. To facilitate the adoption of standard practices, the Global Grid Forum (www.gridforum.org) was formed to identify common requirements and push for eventual standardization. The phenomenal growth of grid computing and related topics has created the need for this workshop as a venue to present the latest research. This year's workshop builds on the success of last year's.

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