Conference language : English and Russian.

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PARALLEL COMPUTING 91

Date : 3-6 September, 1991.

Location : London, United Kingdom.

Organizer : Parallel Computing Society.

Topics :
> The aim of the conference is to give an overview of the state-of-the-art of the development, application and future trends in parallel computing. The emphasis of the conference will be on applications of parallel computing. Orginal contributions are invited for the following sections :
>
> 1. Numerical and non-numerical algorithms for all types of parallel computers, including vector and array processors, distributed systems, data flow machines, hypercube systems, cellular/systolic architectures, neural nets.
> 2. All aspects of the applications of parallel computers, including business, industrial, scientific and engineering applications.
> 3. Software for all types of parallel computers, software engineering, programming paradigms, programming languages, programming environments, user interfaces, system software, etc.
> 4. Taxonomy, models and architectural trends of parallel processing, general architecture concepts, simulation and enabling technologies.
> 5. Performance prediction, benchmarking, measurement and analysis.
>
> Invited speakers will give lectures on subjects in the above sections.

Other information :
> The organizers invite contributed papers (lecture time 20 minutes plus 5 minutes discussion time) and/or posters on the topics of the conference. An extended abstract of not more than 600 words should be sent not later than 31 January 1991 to:
>> Prof. Dr. David J. Evans Parallel Algorithms Research Centre University of Technology Loughborough LE11 3TU United Kingdom
>
> The abstract should give a clear impression of the scientific content of the paper or poster. Not more than 5 keywords should be specified. The number of the section in which the paper or poster should preferably be included must be indicated. Papers or posters on topics not mentioned in the above list should include a suggested topic area. The necessary audio-visual equipment should be specified.
>
> Authors will be notitied of acceptance by 15 April 1991; the program will be prepared in May 1991. Proceedings of accepted contributed and invited papers will be published in the form of a proceedings volume by Elsevier Science Publishers, in the series Advances in Parallel Computing.

Conference language : English.

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