CALL FOR PAPERS

4th PASA Workshop
Parallel Systems and Algorithms
Forschungszentrum Jülich
Zentralinstitut für Angewandte Mathematik

in cooperation with GI-Fachgruppe 0.1.3 'Parallele und verteilte Algorithmen' and GI/ITG-Fachgruppe 3.1.2 'Parallel-Algorithmen, -Rechnerstrukturen und -Systemsoftware (PARS)'

April 10 - 12, 1996

The PASA workshop series has the goal to build a bridge between theory and practice in the area of parallel systems and algorithms. In this context practical problems which require theoretical investigations as well as the applicability of theoretical approaches and results to practice shall be discussed. An important aspect is communication and exchange of experience between various groups which work in the area of parallel computing, e.g. in computer science, electrical engineering, physics or mathematics.

Topics of interest include, but are not restricted to:

- parallel architectures
- interconnection networks
- fault-tolerant parallel computers
- models for parallel computing
- performance evaluation of parallel systems
- tools for parallel programming
- parallel real-time systems
- programming environments for parallel computers
- parallel and distributed algorithms
- parallel programming languages

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Five copies (in English) of original work should be submitted by **January 15, 1996** to:

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Papers should not exceed 10 pages (incl. figures). Authors will be notified of acceptance by **March 1, 1996**. It is planned to publish the proceedings in the Springer-Verlag series 'Lecture Notes in Computer Science' after the workshop. Camera-ready copies (Springer LaTeX LNCS-format) will be due by **May 1, 1996**.