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## Announcements

23–24 MARCH 1992

**European Workshop on Parallel Computing (EWPC '92): 'From theory to sound practice'**, Barcelona (Spain)

EWPC '92 is to be a major European event aiming at taking stock of the current state of the art in parallel computing and opening new directions for future work. Special emphasis is put on providing insights into the relationship between theoretical foundations and practical experience.

The Workshop is sponsored by the Commission of European Communities, DG XIII (Telecommunications, Information industries and Innovation) in the framework of the ESPRIT Parallel Computing Action.

### Goals of the Workshop

- To present original scientific results in the area of parallel computing
- To discuss the current state of the art, with respect to both theory and applications
- To discover promising directions for further work
- To demonstrate the effectiveness of tools and environments
- To evaluate novel applications

- To compare different approaches to solving specific problems
- To attempt to bridge the gap between theory and practice
- To provide a forum for exchange of stimulating ideas

### Areas of interest (non-exhaustive!)

- Foundations, theories, formal approaches to parallel computing
- Architectures
- Methods
- Algorithms and optimisation
- Languages
- Support: operating systems, environments, tools
- Applications: signal processing, image processing, data bases, neural networks, robotics, fault-tolerant systems, etc.

### For further information contact:

EWPC '92 Secretariat, c/o W. Joosen, Departement Computerwetenschappen, K.U. Leuven, Celestijnenlaan 200 A, B-3001 Heverlee-Leuven (Belgium). Tel: +32 16 20 10 15. Fax: +32 16 20 53 08. E-mail: ewpc92@cs.kuleuven.ac.be.

7–10 APRIL 1992

**Florida AI Research Symposium, Fort Lauderdale, FL, USA, Conference theme: Knowledge-based Systems**

The past decade has seen a tremendous increase in the number and diversity of knowledge-based applications. This Fifth Annual FLAIRS will focus on the various aspects of Knowledge-based Systems that are essential for continuing growth through the strengthening of our current foundation and anticipating the future. Contributions, both theoretical and applied have been solicited internationally which address the general theme, having emphasis in the following areas: knowledge acquisition, case- and model-based reasoning, epistemological issues, verification and validation, knowledge representation, system architectures for knowledge-based systems, reasoning and search techniques, and implementation issues. All accepted papers will appear in the conference proceedings.

Address all general conference-related questions to the general chair: Dr Fred Hoffman, Department of Mathematics, Florida Atlantic University, Boca Raton, FL 33431. Tel: (407) 367-3345. E-mail: hoffman@servax.bitnet.