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WOPPLOT 83 Parallel Processing: Logic, Organization, and Technology

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Preface

WOPPLOT 83 - a Workshop on Parallel Processing: Logic, Organization and Technology - was held on the campus of the Federal Armed Forces University Munich.

Wopplot was meant to yield an opportunity to look and talk across the fences of the various and all too separate fields of research, sounding possible lines of development in parallel processing.

The workshop was concentrating on

- physical and technological foundations,
- architectures and algorithms, and
- cybernetic aspects of organization.

The interdisciplinary character of the workshop also led to the inclusion of several talks which do not have an immediate impact on parallel processing but which might have some significance in the future.

The "Logic" called for in our invitation does not show up appropriately in these proceedings. We decided, however to leave the name of the meeting as it is, wishing WOPPLOT to remain an active nucleation site.

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It is a pleasure to thank all twenty-three participants from five European countries and from Japan for their coming and for the lively discussions. In particular the editors would like to thank all the speakers for their carefully prepared talks and for their manuscripts.

For all those who made the technicalities of the meeting run so smoothly we wish to acknowledge Mrs. E. Göppel, Mr. B. von Hornstein, and Mr. H. Pechtold.

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J. Becker I. Eisele

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