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Edited by G. Goos and J. Hartmanis

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Edited by M. Fontet and K. Mehlhorn



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FOREWORD

This volume contains the papers presented at the Symposium on Theoretical Aspects of Computer Science (STACS) held in Paris, April 11-13, 1984. This conference is organized jointly by the special interest group for theoretical computer science of the " Gesellschaft für Informatik" and the special interest group for applied mathematics of AFCET which is the " Association Française des Sciences et Techniques de l'Information, de l'Organisation et des Systèmes". It succeeds to the conferences on theoretical computer science organized every two years by G.I. and the symposium " Les Mathématiques de l'Informatique " sponsored by AFCET.

The program committee has selected 27 papers from 78 ones submitted in response to the call for papers, which represent the leading research in theoretical computer science. In addition to these contributed papers, there are three invited papers which each survey a main topic of the conference.

It is a pleasure for the conference chairmen to thank here all those who submitted papers for consideration, those colleagues who helped in the evaluation of the papers (see next page), the program committee who had to do the difficult selection task, the sponsoring organizations and all the secretariat of AFCET who did a beautiful job of organization.

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