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**Foreword**

This conference has been planned as a successor to the highly successful conference on the same topics held at Wentworth, New Hampshire, in October 1981. Of course, it will be made a regular event, if it is again a success.

This volume contains the papers selected by the program committee from the 78 papers submitted to the conference. These papers range to most of the main approaches to functional programming and also propose or study novel architectures for functional programming. They describe both theoretical status and practical investigations related to implementation issues.

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