

数理解析研究所講究録 996

Concurrency Theory and Applications '96

京都大学数理解析研究所

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Preface

This volume contains the proceedings of the RIMS Workshop in Computing titled Concurrency Theory and Applications '96 which took place at Kyoto University in July 1996. The aim of the workshop was to bring together researchers and practitioners interested in concurrency in order to discuss recent developments and trends in concurrency theory, exchange experiences and opinions on applications of concurrency and to establish research contacts.

In response to the call for papers, fifteen papers were accepted to be presented at the workshop and to appear in the proceedings. Also, four speakers from abroad were invited: Professor Matthew Hennessy of the University of Sussex, UK, Professor Scott Smolka of SUNY at Stony Brook, USA, Dr Huimin Lin of the Chinese Academy of Sciences, Beijing, China and Dr Mark Harman of the University of North London, UK.

The papers appearing in this volume span a wide range of topics, including timed and classical process algebras and their applications, semantics for CML, semantics and types for the π -calculus, model checking and description of real time and multimedia systems, program slicing and temporal logic.

I would like to thank all those who presented their research at the workshop as well as those who only attended it. Moreover, I particularly wish to thank Yasuhiko Minamide, Shoji Yuen and Susumu Nishimura for an invaluable help throughout the preparation and organisation of the workshop.

Irek Ulidowski

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Concurrency Theory and Applications '96

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Chairman: Irek Ulidowski (Kyoto Univ.)

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