

Preface

The Asian Computing Science Conference (ASIAN) series was initiated in 1995 to provide a forum for researchers in computer science from the Asian region to meet and to promote interaction with researchers from other regions. The previous four conferences were held, respectively, in Bangkok, Singapore, Kathmandu, and Manila. The proceedings were published in the Lecture Notes in Computer Science Series of Springer-Verlag.

This year's conference (ASIAN'99) attracted 114 submissions from which 28 papers were selected through an electronic PC meeting. In addition, 11 papers were selected for shorter presentations at the poster sessions.

The themes for this year's conference were announced to be:

- Embedded and Real-Time Systems
- Formal Reasoning and Verification
- Distributed and Mobile Computing

The key note speaker for ASIAN'99 is Amir Pnueli (Weizmann Institute, Israel) and the invited speakers are Nicolas Halbwachs (VERIMAG, CNRS, France) and Krishna Palem (The Georgia Institute of Technology and Courant Institute, New York University, USA). We thank them for accepting our invitation.

This year's conference is being sponsored by the Asian Institute of Technology (Thailand), INRIA (France), the National University of Singapore (Singapore), and UNU/IIST (Macau). We thank all these institutions for their continued support of the ASIAN series.

This year's conference will be held in Phuket, Thailand. We are much obliged to the Prince of Songkhla University for providing the conference venue and to Rattana Wetprasit for making the local arrangements.

We also wish to thank the PC members and the large number of referees for the substantial work put in by them in assessing the submitted papers.

Finally, it is a pleasure to acknowledge the friendly and efficient support provided by Alfred Hofmann and his team at Springer-Verlag in bringing out this volume.

October 1999

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Roland Yap

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G. Antoniou	N. Heintze	J. Moore
M. Asaka	P. A. Heng	R. Moore
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L. Birkedal	M. Henz	M. Mukund
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J. Bowen	P-A. Hsiung	K. NarayanKumar
J. Bradfield	Z. Huang	U. Nestmann
S. Bressan	C. C. Hung	P. Niebert
A. Brogi	S. Ichikawa	R. O'Callahan
S. Brookes	S. Iida	K. Ogata
C. E. Brown	L. Jacob	H. Ohta
K. Bruce	R. Jagadeesan	C-H. L. Ong
R. Bryant	P. Jayanti	P. K. Pandya
L. Cardelli	S. Jha	H. H. Pang
K. S. Cheng	H. Jifeng	B. Pientka
W. N. Chin	M. Kankanhalli	B. Pierce
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C. Colby	E. Kazmierczak	B. Prabhakaran
I. K. Cuhk	W. Ke	P. Quaglia
D. D'Souza	U. Kohlenbach	J. Radhakrishnan
B. Davey	A. Konagaya	N. Raja
R. Davies	G. Konjevod	V. Raman
A. Dawar	M. Koutny	R. Ramanujam
G. DeMichelis	K. Kumaran	S. Ramesh
A. Degtyarev	B. A. Kuperman	R. Ramirez
R. Deng	M. Kwiatkowska	A. Ranade
Y. Deswarte	Y. C. Kwong	J. Rathke
A. A. Diwan	J. Lee	B. R. Rau
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G. Dong	P. Leong	M. Saeki
M. Dorigo	R. Letz	I. Sanjee
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W. W. Fai	H-f. Leung	H. Saran
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S. Ganguly	A. Lim	C. Schurmann
H. Ganzinger	T. Ling	A. Seth
N. Garg	K. Lodaya	N. Shinagawa
C. George	P. MacKenzie	G. Shroff
G. Gonthier	P. Madhusudan	J. Sifakis
A. Gordon	M. Maher	G. Sivakumar
D. D. Hanh	O. Maler	M. Sohoni
R. Hariharan	K. Marriott	H. Sondergaard
J. Harland	M. Matsumoto	L. Sonenberg

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D. J. Song
L. Sterling
H. Suda
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H. Tamaki
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S. Tripakis
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N. Umeda
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S. Vishwanathan
R. Voicu
A. Voronkov

P. Wadler
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H. Wang
D. S. Warren
K. Watkins
J-J. Wu
Y. L. Wu
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Y. Zhangq