

Preface

Asiacrypt'99 was held in Singapore on 14-18 November 1999. Asiacrypt is one of the major events in the cryptology research community. Asiacrypt'99, the fifth annual Asiacrypt conference, was sponsored by the Asiacrypt Steering Committee and the Centre for Systems Security of the National University of Singapore, and in cooperation with the International Association for Cryptology Research. As the Program Co-Chairs of Asiacrypt'99, we are extremely honored to organize this event, which showcases the state-of-the-art development of cryptology research at the conclusion of this millennium.

This year, a total of 96 research papers were submitted to Asiacrypt'99. The portfolio of country of origin of submissions serves as a good indicator of the international reputation of the conference. Countries from which submissions originated include: Australia, Belgium, China, Estonia, France, Germany, Greece, India, Iran, Japan, Korea, Norway, Russia, Saudi Arabia, Switzerland, Singapore, Spain, Taiwan, Thailand, The Netherlands, Turkey, Ukraine, UK, USA and Yugoslavia. Through a stringent refereeing process by the Program Committee, 31 papers of outstanding quality were accepted and are included in the conference proceedings. Accepted papers were authored by researchers from the following countries: Australia, Belgium, France, Germany, India, Japan, China, Singapore, Switzerland, Taiwan, The Netherlands, UK, and USA.

Thanks to the highly competent program committee, which was formed by a team of reputable and dedicated cryptology researchers, the refereeing process was conducted in a very professional and efficient manner. The refereeing schedule was closely adhered to by all program committee members but without compromising the quality of the refereeing work. The preparation of the Asiacrypt'99 program went smoothly as a result of the hard work of the program committee members. We would like to take this opportunity to acknowledge their professional work. The members of the program committee are: Colin Boyd, Michael Burmester, Chin-Chen Chang, Cunsheng Ding, Markus Jakobsson, Kwangjo Kim, Pil-Joong Lee, Ueli Maurer, Mitsuru Matsui, David Naccache, Harald Niederreiter, Andrew Odlyzko, Dingyi Pei, Jacques Stern, Guozhen Xiao, and Yuliang Zheng. We are also very grateful to the external referees who assisted the program committee in evaluating many papers (the list of external referees is included on a separate page).

We would like to express appreciation for the support of all researchers who submitted papers to Asiacrypt'99 and the cooperation of the authors of the accepted papers.

Last but not least, we would like to express our sincere gratitude to the organizing committee. Special thanks go to Chuk Yang Seng, Boon Chuan Tay, Huaxiong Wang, Chaoping Xing, and Huanhui Zhao.

Kwok-Yan Lam and Eiji Okamoto
Co-Chairs
Asiacrypt'99 Program Committee

Asiacrypt'99

November 14-18, Singapore

**International Conference on the Theory and Applications
of Cryptology and Information Security**

**Sponsored by
The Asiacrypt Steering Committee**

**and
Centre for Systems Security
National University of Singapore**

**in cooperation with
The International Association for Cryptologic Research**

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Huaxiong Wang (National University of Singapore)
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External Referees

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