Workshop on Cryptographic Hardware and Embedded Systems (CHES2006)

Yokohama, Japan
October 10 - 13, 2006

sponsored by IACR

Call for participation

The focus of this workshop is on all aspects of cryptographic hardware and security in embedded systems. The workshop is a forum for new results from the research community as well as from the industry. Of special interest are contributions that describe new methods for secure and efficient hardware implementations, and high-speed or leak-resistant software for embedded systems, e.g. smart cards, microprocessors, DSPs, etc. The workshop helps to bridge the gap between the cryptography research community and the application areas of cryptography. This year, we will have 32 presentations of selected papers among 112 submissions. In addition, we have three invited talks:

Kazumaro Aoki (NTT)	"Integer Factoring Utilizing PC Clusters"
Ari Juels (RSA Lab)	"The Outer Limits of RFID Security"
Ahmad Sadeghi (Ruhr Univ.)	"Challenges for Trusted Computing"

Anyone interested in the latest developments in this area is encouraged to attend CHES 2006. Visit our website http://www.chesworkshop.org !

Location & Travel Information

The conference will be held at the Yokohama Grand Intercontinental Hotel, located in the Yokohama Bay area called Minato Mirai 21 (MM21). This area typifies modern Japan and is conveniently located for sightseeing, shopping, and business. The unique yacht-sail shape of the hotel is a landmark of the MM21 district, sitting adjacent to the MM21 Line (subway) Minato Mirai Station. Alternately, it is a 12-minute walk from the JR (Japan Railway) Sakuragi-cho Station. All of the other hotels reserved for CHES are within a 10-minute walk of the conference site. The Grand Yokohama provides free wireless LAN service and AC outlets (100V/50Hz) in the conference hall.

Registration

Nippon Travel Agency (NTA) Co., Ltd. is the official travel agent for CHES 2006, and will handle workshop registrations and hotel accommodations. Only online registration is available.

If you have any questions or difficulties on CHES2006, please send e-mail to ches06@mlab.jks.ynu.ac.jp

General Chair	Tsutomu Matsumoto（Yokohama National University, Japan）
Program Co-Chairs	Louis Goubin（Versailles St-Quentin-en-Yvelines University, France）
	Mitsuru Matsui（Mitsubishi Electric Corporation, Japan）

Financial Supporters

Cryptographic Research, Inc.
RSA Security Japan Ltd.
Fujitsu Limited
IBM Corporation
Information Technology Promotion Agency, Japan (IPA)
Initiative for Research on Information Security
Mitsubishi Electric Corporation
NTT Corporation
Renesas Technology Corp.
Toshiba Corporation
Yokohama National University