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COOL Chips XII

CALL FOR PARTICIPATION

COOL Chips is an International Symposium initiated in 1998 to present advancement of low-power and high-speed chips. The symposium covers leading-edge technologies in all areas of microprocessors and their applications.
The COOL Chips XII is to be held in Yokohama on April 15-17, 2009, and is targeted at the architecture, design and implementation of chips with special emphasis on the areas listed below.

- **Low Power-High Performance Processors for Multimedia, Digital Consumer Electronics, Mobile, Graphics, Encryption, Robotics, Networking and Biometrics.**
- **Novel Architectures and Schemes for Single Core, Multi-Core, Embedded System, Reconfigurable Computing, Grid, Ubiquitous, Dependable Computing and Wireless.**
- **Cool Software including Binary Translations, Compiler Issues and Low Power Techniques.**

Dates and Location

April 15-17, 2009
Yokohama Joho Bunka Center, Yokohama, Japan
(*Yokohama Media & Communications Center, Yokohama, Japan*)

Keynote Presentations

- "Future Robotics and the Key Components",
  Hiroshi Ishiguro (Osaka Univ.)

- "Cisco QFP - Quantum Flow Processor -",
  Will Eartherton (Cisco Systems Inc.)

- "New 3-D Integration Technology and 3-D Systems",
  Mitsuo Koyanagi (Tohoku Univ.)

Invited Presentations

- Two or three presentations to be presented

Panel Discussion

- Topics: Robotics (TBD),
  organizer: Hiroshi Ishiguro (Osaka Univ.)

Special Sessions
(invited lectures)

- "Designing Cool Chips Using 3D Stacking Technology",
  Yuan Xie (Pennsylvania State Univ.)

- "Low power techniques for reconfigurable devices focusing on dynamically reconfigurable processors",
  Hideharu Amano (Keio Univ.)

For more information, please visit <**http://www.coolchips.org/**>

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Symposium Registration

In order to make a registration, please use COOL Chips XII REGISTRATION FORM on web site at
< http://www.coolchips.org/ >

REGISTRATION FEES

Registration Fees include a copy of the proceedings (copies of speakers' slides) of all plenary and technical sessions and special sessions presented on April 15-17, 2009.

	Early Registration by March 27, '09	Late Registration from March
Member of any of IEEE IEICE, IPSJ or ACM	30,000 yen	36,000 yen
Non-Member	38,000 yen	46,000 yen
Student (Member)	10,000 yen	12,000 yen
Student (Non-Member)	13,000 yen	16,000 yen

PAYMENT AND REMITTANCE

For attendees from inside Japan:
  - Fees should be prepaid with a bank transfer by April 10.
For attendees from outside Japan:
  - On-site cash payment is highly recommended.
  - Credit cards (VISA/MasterCard) are necessarily acceptable.
Detailed information is available on the web site.

Notes:
1. Credit card charges will be billed in Yen.
2. Personal checks, bank drafts, and traveler's checks are not acceptable.
3. Registration is incomplete without payment of the registration fee.

Accommodations
HOTEL RESERVATIONS

A special group rate is available for COOL Chips XII attendees for Hotel Monterey Yokohama and Hotel New Grand.

CONTACT to

COOL Chips XII Organizing Committee Secretaries
E-mail:cool_XII@coolchips.org   http://www.coolchips.org/

(As of January 27, 2009)