Welcome to

ISPD 2006

ACM International Symposium on Physical Design

April 9-12 2006, San Jose CA

Conference chair: Lou Scheffer

Technical Chair: Patrick Madden

ISPD 2006 Technical Program

- **Strong technical program**
  - **Over 80 submissions**
  - **23 accepted papers**
  - **6 invited talks**
- **Major topics include process variation, design for reliability, power, placement, routing, and clocking**

- **ISPD is a workshop in spirit**
  - **Questions are encouraged**
  - **Interruptions are OK, but speaker can defer until later**
  - **Please give your name and affiliation when asking questions**

ISPD 2006 Housekeeping

- Presenters:
  - Please sign-in on the sheet near the exit
  - Check-in with your session chair 10 minutes before your slot
  - Keep on time
  - Default is that we post pdfs of slides after the conference on the web site; if this is not OK with you please let us know.
- Session Chairs:
  - Keep your session on time
  - Know your authors

ISPD 2006 Housekeeping

- Please turn your cell phones and pagers to silent mode
- Wear your badge to meals – it's your ticket
- Room will be locked up Monday and Tuesday at lunch; re-opening about ½ hour before the end of lunch break
- Lunch is in Silver Creek room
  - Follow covered walkway to main building, then left
- Dinner in the adjoining room on Monday
- Dinner off site on Tuesday
  - Italian restaurant – Maggiano's
  - <u>You must sign up by 1:40 Tuesday</u> if you want to go
  - Transportation will be provided
  - Maps are available if you want to drive yourself

Internet access

- Wireless network available – name ISPD-06
- Network has a password
- Passwords are 26 hex digits
- We chose DEAD00000000000000000000
- We have wired connections if needed

- Please do not be a distraction during presentations

ISPD 2006 thanks the folks who make it possible

- **IEEE and ACM**
  - IEEE/CEDA for sponsoring the placement contest
- **Corporate sponsors**
  - Cadence Design Systems
  - Magma
  - Sierra Design
  - Synopsys
  - Intel
  - IBM
  - Tabula
- **Conference Organizer- Stephanie Shaffer**

More thanks

- The volunteers who make this conference possible
  - Patrick Madden, technical chair
  - David Pan, publications
  - Gi-Joon Nam, publicity
  - Steering Committee
    - Charles Alpert, Jason Cong, Patrick Groeneveld, Margaret Marek-Sadowska, Shankar Krishnamoorty

- A special thanks to **Gi-Joon Nam**, for organizing the placement contest two years in a row!

- And the technical program committee

The Technical Program Committee

Patrick Madden, SUNY Binghamton

Yao-Wen Chang, NTU

Kevin Chao, Intel

Charlie Chen, U of Wisconsin

Amir Farrahi, Sun

Andrew B. Kahng, UCSD

Hardy Leung, Magma

Jens Lienig, Dresden

Sung-Kyu Lim, GA Tech

Patrick McGuinness, Freescale

Gi-Joon Nam, IBM

Shigetoshi Nakatake, Kitakyushu

Dave Noice, Cadence

David Pan, U of Texas

Yegna Parasura, Sierra

Janet M.L. Wang, U of Arizona

Sachin Sapatnekar, U of Minnesota

Prashant Saxena, Synopsys

Jens Vygen, Bonn

Xiaojian Yang, Synplicity

Hai Zhou, Northwestern

Best Paper Award

- Best paper award voting was very close this year

- The runners-up are:
  - *Integrated Retiming and Simultaneous Vdd/Vth Scaling for Total Power Minimization*, by Mongkol Ekpanyapong and Sung Kyu Lim

  - *Solving Hard Instances of Floorplacement*, by Aaron Ng, Rajat Aggarwal, Venky Ramachandran, and Igor Markov

Best Paper and Presentation

- And the winner for Best Paper, in the category of Physical Design, is
  - *Robust Extraction of Spatial Correlation*, by Jinjun Xiong, Vladimir Zolotov, and Lei He

- Best presentation award
  - Professors and industrial speakers not eligible
  - Cast your vote at the end