



2013 CAD Contest at ICCAD





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Contributor	Title
Cadence Hwei-Tseng Wang	Technology Mapping for Macro Blocks
IBM Myung-Chul Kim	Placement Finishing- Detailed Placement and Legalization
IBM Shayak Banerjee	Mask Optimization

Contest Chairs: Zhuo Li, Iris Hui-Ru Jiang, Hwei-Tseng Wang, and Natarajan Viswanathan





P1:

Technology Mapping for Macro Blocks

Jane Wang

Taiwan Cadence Design Systems, Inc.





3rd Place Winner

cada046: **Boulders and Dust**

Peter Ran Xie, Daniel Scott Maclennan,
Andrew Patrick Segavac,
and Prof. Igor Markov



University of Michigan



2nd Place Win



cada028: **WCYLab-BACH**

Ching-Yi Huang, Wei-An Ji, Yu-Min Chou,
Zheng-Shan Yu, Yung-Chun Hu, Chian-Wei Liu,
Chen-Yu Lin, Jui-Hung Chen,
Prof. Chun-Yao Wang, and Prof. Yung-Chih Chen
National Tsing Hua University



1st Place Winner

cada060: ShowMeWay

Xing Wei, Yi Diao,
Tak-Kei Lam,
and Prof. Yu-Liang Wu



The Chinese University of Hong Kong



P2:

Placement Finishing – Detailed Placement and Legalization

Myung-Chul Kim

IBM Corp.





3rd Place Winner

cada040: Banana



Hung-Hao Lai, Chieh-Min Wang,
Sergiy Popovych,
and Prof. Wen-Chih Peng

National Chiao Tung University



1st Place Winner

cada055: NTU-DP



Chau-Chin Huang, Chien-Hsiung Chiou,
Zhi-Wen Lin, Kai-Han Tseng,
and Prof. Yao-Wen Chang

National Taiwan University



1st Place Winner



cada062: CUHK

Wing-Kai Chow, Jian Kuang,
Xu He, Wenzan Cai,
and Prof. Evangeline F.Y. Young

The Chinese University of Hong Kong



P3:

Mask Optimization

Shayak Banerjee
IBM Corp.





3rd Place Winner

cada039: NTUopc



Yu-Hsuan Su, Yu-Chen Huang,
Liang-Chun Tsai,
Prof. Yao-Wen Chang, and Prof. Kuen-Yu Tsai

National Taiwan University



2nd Place Winner

cada045: UTOPC

Jhih-Rong Gao, Bei Yu,
Xiaoqing Xu,
and Prof. David Z. Pan



The University of Texas at Austin



1st Place Winner

cada080: Dawn



Jian Kuang, Wing-Kai Chow,
Kwun Ping Lai,
and Prof. Evangelina F.Y. Young

The Chinese University of Hong Kong