LPIRC, June 7, at DAC 2015

- Competition held June 7 at DAC 2015, San Francisco
- Aim to discover the best technology in both image recognition and energy conservation
- 8 teams participated with 20 solutions
  - Brown U (USA), Carnegie Mellon U (USA), Rice U (USA)
  - Inst. of Automation, Chinese Academy of Sciences CASIA/Huawei (China)
  - Tsinghua University/Huawei (China)
  - UCLA (USA)/Peking University (China), Penn State U (USA)
  - Virginia Polytechnic Institute (USA)
8 Competing Teams

Carnegie Mellon University
CASIA/Huawei University
UCLA/Peking University
Tsinghua University/Huawei
Brown University
Penn State University
Rice University
Virginia Polytechnic Institute
LPIRC Winners announced on June 8

- Some teams presented more than one solutions and received more than one prizes
- Seven prizes including 2 special prizes
  - **CHAMPION** - Tsinghua University/Huawei Team
  - **SECOND PRIZE** - CASIA/Huawei Team
  - **THIRD PRIZE** - Tsinghua University/Huawei Team
  - **Highest accuracy with low energy**: Tsinghua University/Huawei Team
  - **Least energy with good accuracy**: CASIA/Huawei Team
  - *Ready to go* Special prize - Carnegie Mellon University Team
  - **Standing alone** Special Prize - Rice University Team
- *First team to compete, on time, zero on-site debugging*
- **Only team to compete in Track 2 (offloading allowed)**
Participants on Winning Teams

- **Champion/Third Prize/Highest Accuracy with Low Energy** - Huizi Mao (Tsinghua University), Tianqi Tang (Tsinghua University), Boxun Li (Tsinghua University), Jun Yao (Huawei), Yu Wang (Tsinghua University). **Acknowledgments:** Jie Wang, Jiantao Qui, Erjin Zhou, and Jinchen Yu.

- **Second Prize/Least Energy with Good Accuracy** - Jingyu Liu (Institute of Automation, Chinese Academy of Sciences, CASIA), Yongzhen Huang (CASIA, China), Jingqiu Wang (CASIA), Junran Peng (CASIA), Jun Yao (Huawei), Tao Wang (Huawei), Liang Wang (CASIA), Tieniu Tan (CASIA)

- **“Standing Alone” Special Prize** - Robert LiKamWa, Peter Washington, CJ Barberan, Lin Zhong, Richard Baraniuk (Rice University)

- **“Ready to go” Special Prize** - Ermao Cai, Zhuo Chen, Zijun Wang, Yong Zhuang, Tong Yu, Jiyuan Zhang (Carnegie Mellon University)
LPIRC Award Ceremony, June 8 at DAC Pavilion

Yung-Hsiang Lu, Bichlien Hoang, Charles Alpert, DAC 2015 Vice-Chair, Naehyuck Chang, ACM SIGDA Chair

Yung-Hsiang Lu, Bichlien Hoang, Anna Cirkel, DAC 2015 General Chair, Naehyuck Chang, ACM SIGDA Chair
LPIRC Champion and Second Prize Winning Teams

Champion: Tsinghua University/Huawei

Second Prize: CASIA/Huawei
LPIRC Special Prize Winning Teams

Standing Alone Special Prize: Rice University

Ready to Go Special Prize: Carnegie Mellon University
THANK YOU to LPIRC sponsors, supporters and organizers!

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- DAC 2015 Executive Committee
- IEEE Rebooting Computing, CEDA and CSC
- Nvidia

Organizing Committee
- Yung-Hsiang Lu (Purdue), Alex Berg (UNC), Massimo Alioto (NUS), David Atienza Alonzo (EPFL), Patrick Groeneveld (Synopsys), David Kirk (Nvidia), Gi-Joon Nam (IBM)

On-site team
- Rachit Garg (Purdue), Ganesh Gingade (Purdue), Wei Liu (UNC), Bichlien Hoang (IEEE Rebooting Computing)