2019
IC/CAD Contest

IEEE/ACM
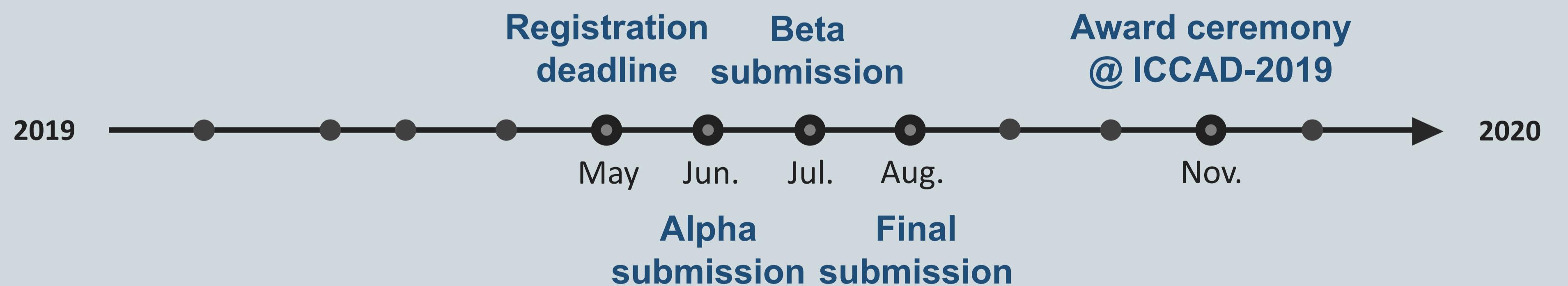2019 INTERNATIONAL CONFERENCE ON COMPUTER-AIDED DESIGN
ICCAD
38th Edition

CALL FOR PARTICIPATION

The CAD Contest at ICCAD is a challenging, multi-month, research and development competition, focusing on advanced, real-world problems in the field of Electronic Design Automation (EDA). Contestants can participate in one or more problems provided by EDA/IC industry. The winners will be awarded at an ICCAD special session dedicated to this contest.

Since 2012, the CAD Contest at ICCAD has been attracting more than a hundred teams per year, fostering productive industry-academia collaborations, and leading to hundreds of publications in top-tier conferences and journals. The contest keeps enhancing its impact and boosts EDA research.

Contest Problems

A. **Logic Regression on High Dimensional Boolean Space**
B. **System-level FPGA Routing with Timing Division Multiplexing Technique**
C. **LEF/DEF Based Open-Source Global Router**

Awards

1st Place	**2nd / 3rd Place**	**Honorable**
(approx. US$ 1,650)	(approx. US$ 1,000)	**Mentions**

Open-source Bonus for Problem C

1st Place	**2nd Place**	**3rd Place**
(US$ 5,500)	(US$ 1,500)	(US$ 500)

Organizing Committee

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Registration deadline — May
Alpha submission
Beta submission — Jun.
Jul.
Final submission — Aug.
Award ceremony @ ICCAD-2019 — Nov.
2019 — 2020

http://iccad-contest.org/2019/

CEDA — IEEE Council on Electronic Design Automation
SYNOPSYS — Silicon to Software
cadence — ACADEMIC NETWORK
sigda — acm

NARLabs 國家實驗研究院 CIC 國家晶片系統設計中心 National Chip Implementation Center
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