

INTERNATIONAL BRIDGE COMPETITION 2015

Among Engineering Schools in the US, Colombia, Mexico, Turkey and Japan



Photo by N. Hanai

USA: Dec. 11th (Fri.)
 3:00 PM PST / 4:00 PM MST
 5:00 PM CST / 6:00 PM EST
 COL: Dec. 11th (Fri.) 6:00 PM
 MEX: Dec. 11th (Fri.) 5:00 PM CST
 TUR: Dec. 12th (Sat.) 1:00 AM
 JPN: Dec. 12th (Sat.) 8:00 AM

1st Prize: Gold Medal & ¥50,000
 2nd Prize: Silver Medal & ¥30,000
 3rd Prize: Bronze Medal & ¥20,000
 Sponsored by
 Yahagi Construction Co., Ltd.

Rules

- 1) The bridge shall span between two smooth tables with same heights set apart 1 m from each other. The bridge shall be in contact only with the top of the tables. Any part of the bridge shall be higher than the top of the tables and lower than 10 cm *before* loading.
- 2) The weight shall be loaded at midspan. The load point shall be higher than the tables *during* loading.
- 3) The material shall be paper and glue. Any type of paper and glue can be used, as long as the paper is made of pulp derived from wood.
- 4) The total weight of the bridge shall not be more than 100 g.
- 5) The load shall be suspended for 10 seconds.
- 6) Plastic string or a hook can be used for loading. The weight of the hook shall be considered as a part of the load.
- 7) In the first round, the load shall be approximately 3 kgf (not be smaller than 3 kgf). Loading shall be performed within 1 minute.
- 8) In the second round, any load increment is permitted, but the scores shall be rounded down to one decimal places in the unit of kgf. Loading shall be performed within 5 minutes.
- 9) Up to 1 bridge can attend from each university.

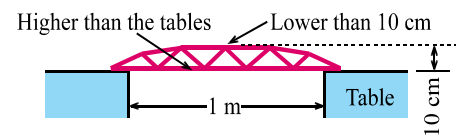


Fig. 1 Before loading

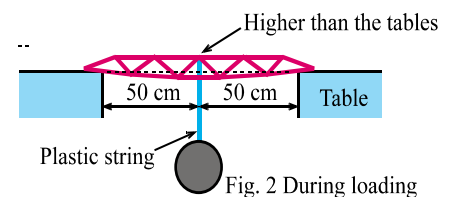


Fig. 2 During loading

