

INTERNATIONAL TRUSS COMPETITION

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

2014

1st Prize: ¥50,000 (~\$500)
2nd Prize: ¥30,000 (~\$300)
3rd Prize: ¥20,000 (~\$200)

Sponsored by

Yahagi Construction Co., Ltd.

USA: Nov. 14th (Fri.) 21:00 PST
22:00 MST / 23:00 CST / 24:00 EST
COL: Nov. 14th (Fri.) 24:00
MEX: Nov. 14th (Fri.) 23:00 CST
TUR: Nov. 15th (Sat.) 7:00
JPN: Nov. 15th (Sat.) 14:00

Zubizuri Bridge @ Bilbao, Spain
Photo by A. Nakamura (Nagoya U)

Rules

- 1) The truss shall span between two smooth tables with same heights set apart 1 m from each other. The truss shall be in contact only with the top of the tables. All the members of the truss shall be higher than the tables.
- 2) 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.
- 3) The total weight of the truss shall not be more than 100 g including the support.
- 4) The weight shall be loaded at midspan. A Plastic string or A hook can be used for loading. The weight of hooks and strings shall be considered as a part of the loading weight. The load shall be a multiple of 0.5 kg.
- 5) The load shall be suspended for 10 seconds. Any part of the truss shall be higher than the top of the tables during loading. The height of the supports shall be less than 10 cm.
- 6) A camera shall be located at the height of the tables to observe whether the bridge is above the supporting tables
- 7) Up to 1 truss can attend from each university.

