

US-JAPAN TRUSS CONTEST 2008

STRENGTH IS ELEGANCE.



Date and Starting Time

USA: 6 pm (MDT) or 7 pm (CDT) or 8 pm (EDT) May 9 (Friday), 2008.

JAPAN: 9 am (JST), May 10 (Saturday), 2008.

Participants

Colorado State Univ., Univ. of Minnesota, & Purdue Univ.

Nagoya Inst. of Tech., Nagoya Univ., Yokohama Nat'l. Univ. & Kyushu Sangyo Univ.

Each participant shall conduct a preliminary test of 2 kg before the start time. The load of the first round shall be 3 kg.

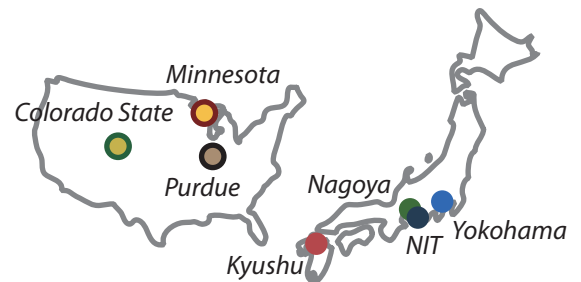
Prize

1st Prize & Gold Medal: 50,000 Yen (~\$500)

2nd Prize & Silver Medal: 30,000 Yen (~\$300)

3rd Prize & Bronze Medal: 20,000 Yen (~\$200)

* sponsored by Yahagi Construction Co., Ltd.



Requirement

1. The truss shall be placed on **three tables of the same height located** as Fig. 1 (not on two of them).
2. The highest point of the truss shall be located at point X in Fig. 1. The load shall be applied from that point vertically using a string for **10 seconds**.
3. The material shall comprise **six pieces of cypress** 450 mm (17.7") long with a square section of 3 mm (0.12") and string. You can use as much string as you wish. You cannot use other materials such as adhesives. **Nagoya Inst. of Tech. shall send 120 pieces of cypress to each university.*
4. The only tool you may use is a **knife**.
5. You shall submit a paper showing how you cut the wood (see Fig. 2). You shall tell the audience your design philosophy, if you pass the first round of 3 kg.

