

PASTA BRIDGES 2018 COMPETITION RULES

General provisions

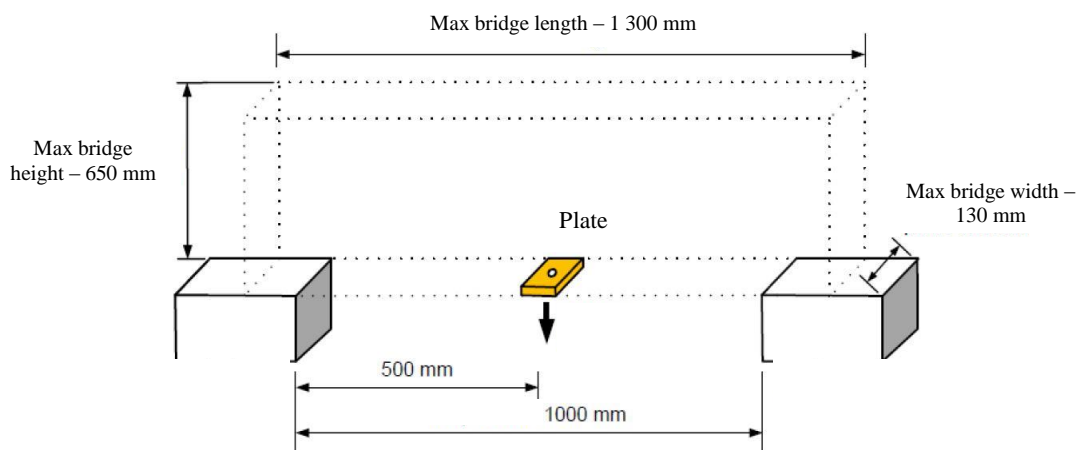
- Aim of the competition – to build a bridge with a highest load capacity.
- Bridges are built by teams of maximum 4 members.

Materials

- Bridges are built from commercially available pasta of any shape.
- Any type of glue can be used. Gluing through the pasta length is not allowed.

Dimensions and weight

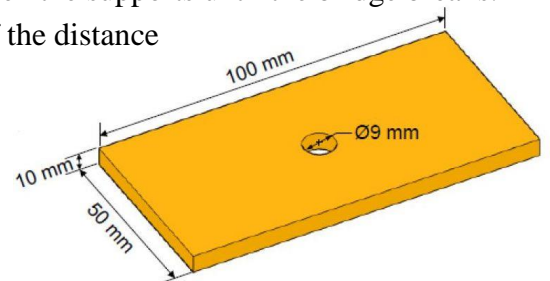
- Bridge length should be longer than the distance between the supports – 1 000 mm.
- Bridge weight must not exceed 1 000 g.
- Bridge must not exceed the following dimensions: length – 1 300 mm, width – 130 mm, height – 650 mm.



Picture 1.

Loading

- The concentrated load will be applied in the center between the supports until the bridge breaks.
- Vaneer plywood plate should be installed in the center of the distance between inner sides of the supports.
Plate dimensions 100 mm×50 mm×10 mm.
Plate should have centrally drilled 9 mm hole.
During competition load shall be applied using this hole.
- One of the team members shall apply the load.



Judging

- Bridges which do not meet dimension requirements shall be disqualified.
- No contact with the bridge is allowed during the loading process.
- Winning team – team which constructs a bridge with the highest load capacity.

- In case more than one bridge supports the same load capacity, the lightest bridge wins.

Registration: <https://goo.gl/forms/mvodQnPRxRSQ8wI82>

Contacts

- Email: makaronutiltai@gmail.com
- Phone number: +370 5 2370615
- Address: Saulėtekio av. 11, SRC room 409, Vilnius LT-10223