



Univerza v Mariboru

Fakulteta za gradbeništvo



Univerza v Mariboru



HOW STRONG IS THE BRIDGE?

INTERNATIONAL COMPETITION IN CONSTRUCTING
SPAGHETTI BRIDGES

ajktm.fg.um.si

Maribor, 2016

ORGANIZER

University of Maribor
Faculty of Civil Engineering,
Transportation Engineering
and Architecture



University of Maribor

<http://www.fg.um.si/>



DESCRIPTION

IN 3 DAYS TEAM SHOULD DESIGN AND BUILD OPTIMAL BRIDGE FROM SPAGHETTI, WHICH TRANSFERS THE GREATEST POSSIBLE LOAD.

1. APRIL 2016

DEADLINE FOR REGISTRATION

8. APRIL 2016

TEAMS WILL RECEIVE DETAILED INSTRUCTIONS FOR THE CONTEST

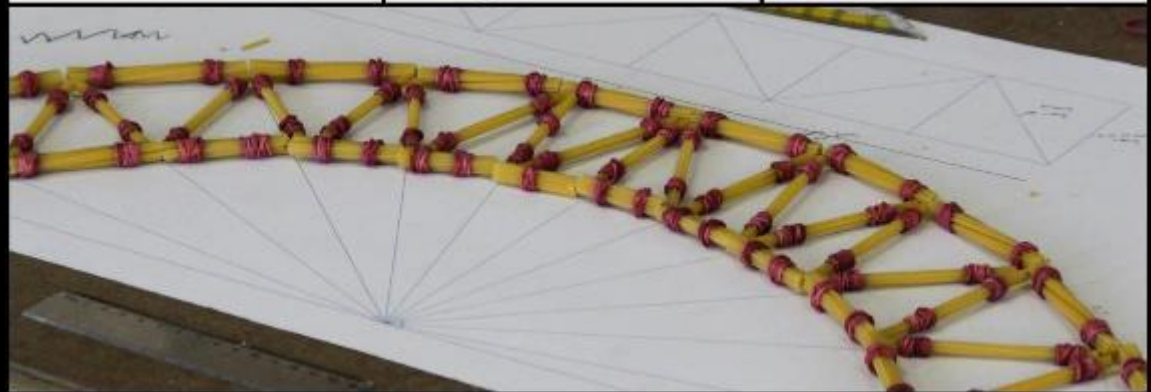
3. - 5. MAY 2016

HOW STRONG IS THE BRIDGE CONTEST



MATERIAL FOR THE CONTEST

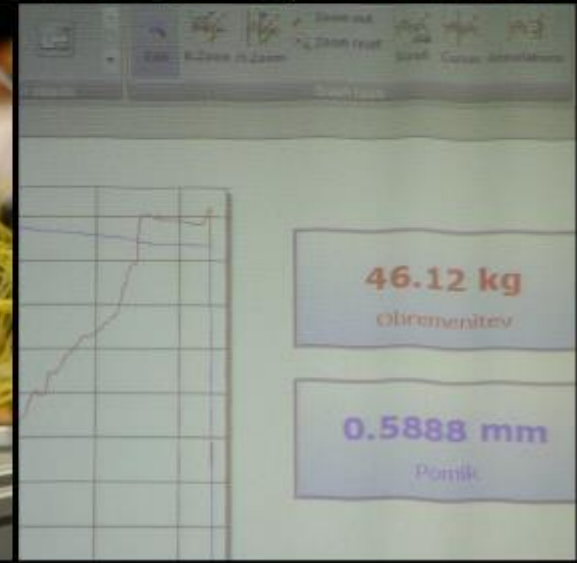
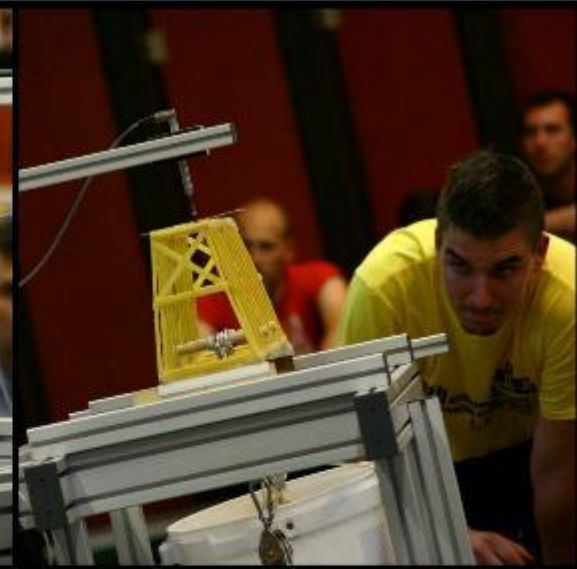
- PRIMARY MATERIAL IS SPAGHETTI BARILLA NO. 7
- GLUE FOR CONTACTS BETWEEN SPAGHETTI (USAGE OF GLUE GUNS)
- OTHER TOOLS: ALPHA KNIFE, RUBBER BANDS, CUPS
- IT IS ALLOWED TO USE LAPTOP FOR STRUCTURAL ANALYSIS, DEFINING BRIDGE CONSTRUCTION AND PRESENTATIONS
- NO OTHER ELECTRONIC TOOLS ARE ALLOWED (POWER GRINDERS, POWER DRILLS...)



BASIC RULES OF THE CONTEST

AFTER A REGISTRATION, TEAMS WILL RECEIVE EXACT INSTRUCTIONS (MAXIMUM WEIGHT, HEIGHT AND STATIC SYSTEM OF BRIDGE) AND SCHEDULE OF THE CONTEST.

WITH THESE INSTRUCTIONS TEAMS SHOULD MAKE THEIR DESIGNS AND IDEAS FOR THE BRIDGE BEFORE THE CONTEST ITSELF. THE BRIDGE WITH MAXIMUM LOAD CAPACITY WILL WIN. THERE WILL ALSO BE FIRST AND SECOND PRIZE FOR DESIGN.



ORGANIZER PROVIDES:

MATERIAL FOR THE CONTEST: SPAGHETTI,
GLUE GUNS, ALPHA KNIVES...

SNACKS AND BEVERAGES DURING THE
CONTEST

LUNCHESS, DINNERS AND PARTIES

3 DAYS ACCOMODATION "BED AND
BREAKFAST"

VARIOUS BANQUETS

NEW PRACTICAL KNOWLEDGES

CONTEST REWARDS:

-WELCOME PACKAGES AND SOUVENIRS FOR
EVERY PARTICIPANT

-TABLET COMPUTERS OR MINILAPTOPS

-TECHNICAL LITERATURE IN ENGLISH
LANGUAGE FOR THE CONSTRUCTION
INDUSTRY, EUROCODES, CIVIL ENGINEERING
GUIDES

-CONSOLATION PRIZES



THE TEAM CAN BE CONSISTED OF 3
CONTESTANTS AND ONE
REPRESENTATIVE (student or
teacher)

REGISTER UNTIL:

1.4.2016

REGISTER ON WEBSITE OR EMAIL:

- <http://ajktm.fg.um.si>
- ajktm.fgpa@um.si

REWARD FUND: totally 3000€

(for 1st, 2nd, 3rd place and reward
for best design 1st, 2nd)

REGISTRATION FEE: 40€ PER PERSON

We organize tour around Maribor ,
tasting of local wines, and after all
that is just beginning of some new
friendships...

