

## ICME-13 OUTLINE

### International Mathematical Modeling Challenge Discussion Group

In the first session on Tuesday the chair of the IMMC Organizing Committee will give a brief introduction to the goals and purposes of the Challenge. There will then be a presentation of awards to the Outstanding teams from the 2016 contest. This will be followed by the individual teams presenting short (2 to 3 minute) videos of their IMMC activities. Teams will then make presentations about their solutions which will include descriptions of their approach to the mathematics, the organization of their work, and the lessons learned. Ample time will be allowed for questions from members of the discussion group and discussion of the issues raised.

The second session will be organized as a panel with members of the Organizing Committee, Ross Turner (Australia), Frederick Leung (Hong Kong), Mogens Niss (Denmark), Henk van der Kooij (Netherlands), Sol Garfunkel (U.S.) as well as one of the team teacher advisors. There will be brief presentations by members of the panel on:

- The nature and role of mathematical modeling in education
- The educational role of modeling contests
- The history of the IMMC
- Sharing of experiences from IMMC 2015 and 2016
- Resources in support of modeling endeavors
- How to get involved in the Challenge 2017 and beyond
- Models for possible national involvement in IMMC

Time will be allotted for full participation of all present.