



Systems Thinking and Dynamic Modeling Conference

June 30-July 2, 2018

Babson Executive Conference Center

Wellesley, MA

2018 Conference Program (draft)

SATURDAY

10-12 Keynote: *Do We Want a Revolution?*

How do we Foster Transformational Thinking? - Anne LaVigne and George Richardson

1:00-4:30 Workshops

- Creating a learning organization in the classroom?
- From Connection Circles to Feedback Loops
- What is a Stock and Flow? Stock/Flow Diagrams to Simple Models
- Using Systems Tools to develop Literacy Skills
- Building Insights using Stella's online simulation software.
- Systems through games

5:00-6:30- Meet and Greet with Student posters from DynamiQueST

8:00 Resources for ST/DM in K-12 Education, CLE and others

SUNDAY

9:00-10:30

- Stella Online with Model Mysteries
- Group Modeling and a PBL approach
- Using on-line simulations to teach key systems concepts
- STEM and Systems Tools

- Reports from the field. Updates on what is happening throughout the world.
- **Splash!** Come and play with the newest and most fun simulation software.
- How do we get kids to model?
- So you are teaching financial literacy? Using *Dollars and Sense*

11:00-12:30 Keynote: *Lessons from Implementation of Systems Thinking and Dynamic Modeling in schools* - Educators with experience from across the country

2:00-5:30 – Simulations with Systems Lessons

- How to run the World Climate Simulation with middle and high school students
- Fishbanks with resources for kids
- The Beer Game

7:30-8:30

- **isee systems'** New Offerings, A Workshop For Experienced Modelers
- **Splash!**

MONDAY

9:00-12:00 Keynote: *Using Systems Tools and Concepts to Unpack a Complex Educational Problem* - Brad Morrison and Saras Chung