



# Systems Thinking and Dynamic Modeling Conference

June 30-July 2, 2018

Babson Executive Conference Center  
Wellesley, MA

## Conference Program June 6, 2018

### FRIDAY - 6/29/18

**9:00-5:00 Pre-Conference Workshop - Introduction to Systems Thinking and Dynamic Modeling**  
Anne LaVigne (CLE)

### SATURDAY - 6/30/18

**10:00-12:00 – Keynote: Two Roads Converged in a Yellow Wood: Collaborative Journeys** -George Richardson (SUNY Albany) and Anne LaVigne (Creative Learning Exchange)

**12:00-1:30** - Lunch

#### 1:30-5:00 - Workshops

- Teacher As System Designer: Classroom Structures for Effective Student Learning. Rob Quaden and Alan Ticotsky (IACS)
- Using Systems Tools to Develop Literacy Skills. Brian Bindschadler (Catalina Foothills SD)
- Teaching STEM with Systems Tools. Chris DiCarlo, Ashley Young, Katharine Hinkle, and Rachel Henry (IACS)
- Introduction and Testing of *Splash!* Ninad Jagdish (BTN)

**5:00-6:30 – Student Discussion and Student Posters from DynamiQueST Meet and Greet with System Dynamics Professionals.**

**6:30-7:30** - Dinner

**8:00-9 - Resources for ST/DM in K-12 Education, CLE and others.** Conrad Stuntz (CLE)

### SUNDAY - 7/1/18

**7:00-8:30** - Breakfast

#### 9:00-10:30 - Break-out Sessions

- Lessons and Insights Using Stella Online Free Simulation Software. Diana Fisher (Portland State University)
- Using Fishbanks and Other Online

Simulations to Teach Key Systems Concepts. Anne LaVigne (CLE)

- Teaching Humanities using Systems Tools. Jeff Potash, Jason O’Neil-Willoughby, Beth Olesen (CLE and IACS)
- Systems Stories. Linda Booth Sweeney

**11:00-12:30 – Keynote: Lessons from Implementation of Systems Thinking and Dynamic Modeling in Schools** - Educators with experience from across the world. Three different models: Greg Orpen (Innovation Academy), Tim Lucas and Cathy Keegan (Milton PA Public Schools), Benjamin Chung (Korea and Thailand)

**12:30-2:00** – Lunch

#### 2:00-5:30 - Workshops

- Using the World Climate Simulation in the Classroom Jason O’Neil Willoughby, Chris DiCarlo(IACS)
- Systems Lessons through Games. Greg Orpen and Alan Ticotsky (IACS)

**6:00-7:30** - Dinner

#### 7:30-8:30 - Breakout Sessions

- *isee systems*’ New Offerings: A Workshop For Experienced Modelers. Bob Eberlein
- *Splash!* Demonstration. Ninad Jagdish BTN

### MONDAY - 7/2/18

**7:00-8:30** – Breakfast

**9:00-12:00 - Keynote: Systems Thinking in Action: Tackling a Complex Problem** - Brad Morrison (Brandeis) and Saras Chung (SKIPNV)