

# ***LISTEMELA FALL CONFERENCE featuring SCIMEX***

**November 29, 2018**

***Crest Hollow Country Club, 8325 Jericho Turnpike, Woodbury, NY***

**The Long Island STEM Education Leadership Association (LISTEMELA) invites you to attend all the events for their Fall Conference on Thursday November 29, 2018. Attendees will have the opportunity to select STEM focused workshops and vendor exhibits throughout the day.**

**Keynote speaker: Michael Wyssession, Ph.D.**

***Sponsored by Pearson***

***How NGSS Can Save the Planet***

Michael Wyssession, Ph.D., a Professor of Geophysics at Washington University in St. Louis, is a leader in the areas of seismology and geophysical education. He has authored or co-authored over 60 research papers in geophysics and over 20 textbooks ranging from grade school to graduate school. Wyssession was Chair of the NSF Earth Science Literacy Initiative, Chair of Earth and Space Science for the National Academy of Science report A Framework for K-12 Science Education, and one of the lead architects of the new national K-12 Next Generation Science Standards.

**1. Morning Events: 7:45 a.m. – 12:00 p.m.**

**Registration and Breakfast 7:45 – 8:15 am**

**a. Welcome, Keynote: Michael Wyssession 8:20 – 9:30 am**

**b. Session 1 9:40- 10:40 am (5 workshop sessions to choose from)**

**c. Session 2 10:50- 11:50 am (6 workshop sessions to choose from)**

**d. Vendor Preview 11:55 am-12:15 pm**

**2. Luncheon 12:15 – 1:15 pm**

**3. Afternoon Events:**

**a. Session 3 1:25- 2:25 pm (6 workshop sessions to choose from)**

**b. Vendor Showcase 1:00- 3:30 pm**

## BREAKOUT SESSIONS ([Click Here for Workshop Descriptions](#))

<b>Session 1</b>
<b>Bundling PEs and Developing Storylines</b> <i>Michael Wyssession</i>
<b>Using Argumentation for Discussing Phenomena: Increasing Student Voice in STEM</b> <i>Accelerate Learning</i>
<b>Learn How to Implement a GAP Day</b> <i>East Meadow School District</i>
<b>“Escape the Classroom” with Breakout EDU for STEM</b> <i>Nassau BOCES</i>
<b>Interactive STEM in the Intermediate Classroom</b> <i>Elwood School District</i>
<b>Session 2</b>
<b>Aligning Teaching with Learning</b> <i>Stony Brook University</i>
<b>Car Design: Green Engineering</b> <i>Long Island Explorium</i>
<b>STEAM Engineering is Elementary</b> <i>Hewlett-Woodmere School District</i>
<b>Using Breakout Games to Meet Science Standards</b> <i>Garden City School District</i>
<b>An Introduction to NGSS Assessments Part I -</b> <i>Adelphi University and Oceanside School District</i>
<b>Transitioning to an Inquiry Model: PLB Classroom</b> <i>Creative Alternative Solutions</i>
<b>Session 3</b>
<b>Extend the Classroom Beyond Four Walls: Earth Science Outdoor Learning</b> <i>Connetquot School District</i>
<b>Hosting a STEAM Night</b> <i>Plainview-Old Bethpage School District</i>
<b>Using Phenomena to Establish Driving Questions</b> <i>Lynbrook School District</i>
<b>Modeling for Understanding in Secondary Science Education</b> <i>Plainview-Old Bethpage School District</i>
<b>Elementary STEM Share</b> <i>Floral Park Bellerose, Oyster Bay, Commack</i>
<b>An Introduction to NGSS Assessment Part 2 -</b> <i>Adelphi University and Oceanside School District</i>

### **SCIMEX (*Science Materials Exposition*) 1:00 – 3:30 pm**

The Exhibit is interactive and showcases STEM resources, materials, text and online materials, field trip opportunities and much more.

**The SCIMEX Exhibit is FREE and open to all teachers and supervisors.**

# **Fall Conference Registration**

**Thursday November 29, 2018**

*Crest Hollow Country Club, 8325 Jericho Turnpike, Woodbury, NY*

**Workshop registration via Internet required:** <https://goo.gl/forms/kAAALjA0dKNbYUFM2>

Once registered, please complete this form and include check or purchase order payable to: "LISTEMELA"

**Registration fee includes breakfast and luncheon:**

\$100 for LISTEMELA Members

\$50 for college students, includes a 1 year membership

\$135 for Non Members, includes a 1 year membership

**Name:** \_\_\_\_\_

**School District/Organization:** \_\_\_\_\_

Mail to: LISTEMELA  
PO Box 1493  
Commack, NY 11725

Questions? Email: [listemelaconferencechair@gmail.com](mailto:listemelaconferencechair@gmail.com)

*Please check with your district for possible professional development hours.*

*Refunds will be honored up until November 23, 2018. All cancellations received after this date will be non-refundable.*