

**Tue, 4/24**

**Presentation:** 0211 - *Length Measurement in the Early Years: Teaching with Learning Trajectories*

**Speakers:** Julie Sarama, and Doug Clements

**Session Type:** Research Report

**Time:** 10:00 AM - 10:30 AM

**Presented During:** RR 11

**Presented During Time:** 10:00 AM - 11:15 AM

**Location:** Walter E. Washington Convention Center, Room 209C

**Description:** Measurement is critical to mathematics education, but research is limited. We previously validated a developmental progression of a learning trajectory (LT) for length. Here we focus on the instructional part. The instruction was successful and specific features of the tasks and teacher-child interaction catalyzed learning. Consistent with our hypotheses, the use of standard or multiple nonstandard units played different roles at different points in the learning trajectory.