

1116-97-581 **Rachel Levy***, Mathematics, Harvey Mudd College, 301 Platt Blvd, Claremont, CA 91711.
Mathematical Modeling in Elementary Grades: Outreach activities from the IMMERSION program.

This workshop will introduce the mini-symposium, then present a few activities from the IMMERSION Program, a 3 year NSF-funded project conducted at three sites: George Mason University in collaboration with Fairfax County schools, Harvey Mudd College in collaboration with Pomona Unified School District and Montana State University in collaboration with Bozeman Schools. In summer 2015, the program delivered professional development (PD) in mathematical modeling to 24 elementary school teachers at each site. The teachers then developed activities and implemented them in their classrooms as part of teachers study groups. The audience will engage in some of the mathematical modeling activities from the PD and follow up lessons, which could be easily adapted for outreach to elementary school students. (Received September 08, 2015)