

1163-B1-1599 **Andrea Arnold*** (anarnold@wpi.edu). *A Virtual Sonia Kovalevsky Day Outreach Event for Middle School Girls.*

Sonia Kovalevsky Day (SK Day) outreach events are held nationally by local chapters of the Association for Women in Mathematics (AWM), with the goal of encouraging young women to continue their study of mathematics. In this talk, I will describe an online version of SK Day that was held remotely in Spring 2020 by the AWM Student Chapter at Worcester Polytechnic Institute. In particular, I will discuss how this virtual event successfully incorporated interactive online math activities to engage middle school girls from four different states across New England. (Received September 15, 2020)