

1106-S5-2623 **Alex Sprintson*** (spalex@tamu.edu), College Station, TX 77843, and **Phil Yasskin, Frank Sottile, Kaitlyn Phillipson** and **Trevor Olsen**. *Integrating Engineering Concepts in Math Circle Activities*.

In this talk, we will share our experience in integrating concepts from the broad areas of engineering into the activities of Texas A&M Math Circle. Texas A&M Math Circle is a joint project between the Departments of Mathematics and Electrical and Computer Engineering at Texas A&M University. Over the last few years we have developed several activity modules covering the areas of boolean algebra and circuit design, probability theory, coding theory, cryptography, and information theory. The key to the success of these activities was to adapt them to students' level of mathematical maturity and present them in a way that would be accessible to the students. (Received September 16, 2014)