

1106-97-1142 **Najat Ziyadi*** (najat.ziyadi@morgan.edu), Department of Mathematics, Morgan State University, 1700 East Cold Spring Lane, Baltimore, MD 21251, and **Shahpour Ahmadi**, Department of Mathematics, Morgan State University. *Scientific Teaching/Active Learning in STEM Classrooms: Context, Challenges and Application*.

In this talk on scientific teaching framework, we define active learning approach and highlight its challenges in STEM classrooms. In addition, we use two examples to illustrate applications of active learning method in a mathematics classroom. (Received September 11, 2014)