

# *Colloquium*

**Department of Physics, Temple University**

**TEAL: A Fifteen Year Experiment in Changing Educational  
Cultures at MIT**

**Peter Dourmashkin**

*Department of Physics,  
Massachusetts Institute of Technology*

## **Abstract**

Starting in 2001, the MIT Physics Department introduced a studio physics format for the introductory physics courses, called TEAL (Technology Enabled Active Learning).

After 15 years, of development, the TEAL program has reached a 'steady-state', and is now accepted by the Physics Department as the preferred pedagogical approach.

During this period, the pedagogical model has shifted from a studio physics model to a blended learning model based on the MITx platform. In this talk, I will outline the evolution of TEAL with an emphasis on the structural changes in the teaching and learning model in response to the challenge of blending a significant online component with the classroom component.

**Monday, October 5, 2015 at 3:00pm**

**SERC, Room 110B**

**Refreshments served at 2:45pm**