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Physics Colloquium

“Teaching in a TEAL Classroom: Teaching Physics Through Active Engagement of Students ”

Dr. Mehmet Unver
Department of Physics
Montana State University

Friday, April 25, 2014
4:10 – 5:00 pm, 108 EPS

Abstract: TEAL classrooms are becoming increasingly popular across the country and across all disciplines due to their proven impact on learning and retention of course material, exam performance, and even student retention. MSU has a relatively small but growing TEAL classroom program which also has shown similar success in improving educational outcomes. I was given the task to transfer the first of our undergraduate courses to the TEAL Classroom style this semester. In preparation for this task I studied the publications from PER groups, reflections from physics instructors at other universities who transferred their courses to this style, and spoke with instructors at MSU who teach in TEAL classrooms. I will be sharing what I learned from my study of this teaching style and from my experience teaching in a TEAL classroom, the responses from students in the class to surveys regarding this new style of teaching, the comparisons of the course outcomes to past semester when the course was taught in traditional style, and my future plans for further adjustments to the class if I am assigned to teach this course again.

Host: Jiong Qiu
Refreshments 3:45 p.m.
EPS 2nd Floor Atrium

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