

Abstract Submitted  
for the TSS17 Meeting of  
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**Workshop: Implementing Small Group Learning Activities to Teach Astronomy** TIMOTHY SLATER, University of Wyoming — In this participatory workshop participants will learn how to use a lecture-tutorial approach to actively engaging astronomy students. Created by faculty affiliated with the CAPER Center for Astronomy & Physics Education Research Team, lecture-tutorials are purposefully designed to support students' intellectual engagement with challenging astronomy concepts by augmenting lectures for 10 minute intervals where students collaboratively wrestle with how to apply ideas in novel settings. Astronomy education research consistently demonstrates that students significantly increase their understanding of astronomy through the use of lecture-tutorials and that teachers find them easy to implement. Classroom-ready materials will be provided to all participants.

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