

Abstract Submitted
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Modeling Workshops for Induction and Mentoring LAIRD KRAMER, Florida International University, JON ANDERSON, Centennial High School — Participants in this interactive workshop will learn how Modeling Instruction can transform an introductory physics courses while serving as the core of teacher preparation and professional development programs. Modeling Instruction courses operate as lecture-free collaborative learning environments, replicating the central activity of practicing scientists through building, validating, and deploying models. Modeling has been deployed nationally in both high schools and universities and has earned a reputation for transforming learning experiences. After completing a Modeling activity, participants will learn how to integrate Modeling across the introductory, preservice and professional development curriculum and learn about the development of the university-level Modeling Instruction Curriculum.

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