

Einladung zum Physikalischen Kolloquium

16.01.2026 Peter Dourmashkin, Massachusetts Institute of Technology
»The TEAL Project: Building a Physics Learning Community at MIT«
Einführung: M. Klute

The talk will describe the twenty-four year endeavor of creating a new pedagogical model Technology Enabled Active Learning (TEAL) for teaching introductory physics course in Classical Mechanics and Electromagnetism at the Massachusetts Institute of Technology. The TEAL pedagogical model represents an attempt to incorporate a variety of research-based teaching models and technologies into the first-year physics subjects with an emphasis on blended and active learning. TEAL is designed to integrate pre-class learning sequences with in-class concepts, experiments, and problem-solving skills in an interactive learning environment in which students regularly discuss concepts and problem-solving techniques with their peers and teachers, forming a cohesive Learning Community.



Der Vortrag findet **am Freitag, den 16. Januar 2026 um 15:45 Uhr im Otto-Lehmann-Hörsaal**, Physik-Flachbau (Geb. 30.22), KIT-Campus Süd statt.