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Abstract for an Invited Paper for the MAR08 Meeting of the American Physical Society

**Gravity - The Engine of the Universe** JOHN THACKER, California Institute of Technology

The pervasive nature of gravity ought to give us pause. Since gravity is inescapable, one could reasonably claim that it is an overarching theme in our universe. In this session we will investigate some demonstrations and strategies for teaching gravity concepts. We will use education research results on student misconceptions related to gravity to focus the activities.