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Physics of the Telescope Array Experiment PIERRE SOKOLSKY, The University of Utah, TELESCOPE ARRAY COLLABORATION — The Telescope Array (TA) experiment has as its aim studying ultrahigh energy cosmic rays. It consists of a surface detector (SD) of 512 scintillation counters and three fluorescence detectors overlooking the SD. The experiment is located in Millard County, Utah, and is the largest in the northern hemisphere. In this talk a description will be given of the experiment and its physics aims.

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