

Stars Askew in the Heavens:
The Centenary of Eddington's Eclipse Expeditions

One hundred years ago this May, Arthur Stanley Eddington and colleagues measured the bending of starlight by the Sun. The announcement of the results made Einstein an overnight international celebrity and set the stage for a century of putting his theory to the test of experiment. The story of gravity's effect on light is one of the most fascinating in all of science. It dates back to the 18th century, and its chapters feature great scientific achievements as well as racist propaganda. The saga continues to the present, with gravitational lenses, event horizon imaging and even movie Oscars! We present a scientific and historical overview of this story, concluding with a visit to the Sundry Farm on the island of Principe, exactly 100 years after Eddington's day in the (eclipsed) Sun.