

The InSight (Interior exploration using Seismic Investigations, Geodesy and Heat Transport), which landed on Mars on Nov. 26, 2019, is first mission focused on studying the interior structure and evolution of Mars. The three core experiments are SEIS (Seismic Experiment for Interior Structure), a six-sensor, broad-band seismic instrument to detect global seismic and impact activity, HP³ (Heat flow and Physical Properties Package) to measure interior heat flow; and RISE (Rotation and Interior Structure Experiment), a geodetic planetary rotation investigation using sub-decimeterscale precision x-band tracking. These are augmented by APSS a pair of wind and air temperature sensors, a pressure sensor and a magnetometer as well as a robotic arm, a mid-resolution color camera and a wide-angle color camera. Initial results from all instruments and insights on the interior of Mars will be presented.