

MICROSCOPE



MPIA/PATRICIA KLEIN

Two faces

■ The James Webb Space Telescope has revealed dramatic differences between the dawn and dusk regions of the scorching exoplanet WASP-121b. Fierce winds seem to carry heat from the planet's permanent dayside, making the evening side hotter than expected. Scientists at the Max Planck Institute for Astronomy in Germany also found signs that water is being broken apart by extreme temperatures, and mysterious mineral clouds may be shaping the cooler side's atmosphere.