

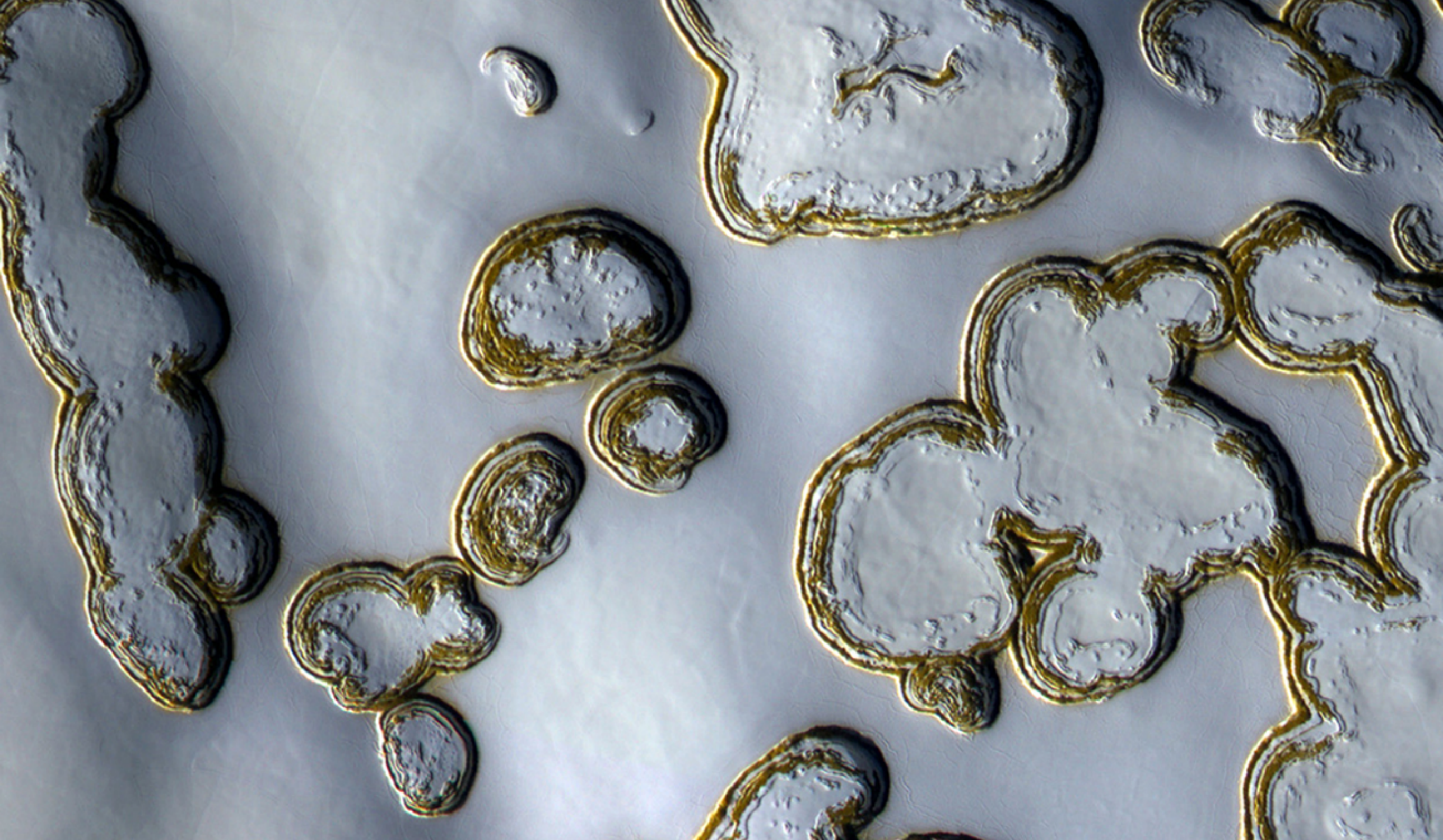


HIGH RESOLUTION IMAGING
SCIENCE EXPERIMENT

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Lunar and Planetary Laboratory



Carbon Dioxide Ice in the Late Summer

uahirise.org/ESP_023464_0945

Mars has extremely large temperature changes from winter to summer compared to the Earth. It gets cold enough to freeze carbon dioxide out of the atmosphere during the winter, but this ice is unstable when the warmer summer arrives and forces it to sublimate (transform directly back into a gas) away.