
[E] Oral | P (Space and Planetary Sciences) | P-PS Planetary Sciences

[P-PS02] Recent advances of Venus science and coming decades

convener:Takehiko Satoh(Institute of Space and Astronautical Science, Japan Aerospace Exploration Agency), Thomas Widemann(Observatoire de Paris), Kevin McGouldrick(University of Colorado Boulder), Hideo Sagawa(Kyoto Sangyo University), Chairperson:Hideo Sagawa(Kyoto Sangyo University)

Thu. Jun 3, 2021 1:45 PM - 3:15 PM Ch.02 (Zoom Room 02)

Akatsuki, Japan's Venus Climate Orbiter, has been operational in the Venus orbit for more than 5 Earth years, advancing our knowledge mostly about the atmospheric dynamics by feature tracking in the high-resolution imagery. Together with 8 years of coverage made by ESA's Venus Express (2006 - 2014), including spectroscopic information plus plasma measurements, we are in another golden age of Venus science decades after the landing missions of the USA and the former USSR in the 1970's. In addition, the Venus community has been eager to realize next generation missions to Venus. This session will cover all aspects of science related to Venus, either by observationally (including future missions) or by theoretically, about the planet itself or its surrounding environment or even implications to the exoplanets. Contributions by experts and by early-career researchers are all welcome.

1:45 PM - 1:50 PM

[PPS02-13]Introduction