[EE] Evening Poster | P (Space and Planetary Sciences) | P-PS Planetary Sciences

[P-PS04]Results from Akatsuki and advances in Venus science

convener:Takehiko Satoh(Institute of Space and Astronautical Science, Japan Aerospace Exploration Agency), Takeshi Horinouchi(Faculty of Environmental Earth Science, Hokkaido University), Masaru Yamamoto(九州大学応用力学研究所, 共同), Kevin McGouldrick(University of Colorado Boulder)
Tue. May 22, 2018 5:15 PM - 6:30 PM Poster Hall (International Exhibition Hall7, Makuhari Messe)
More than two earth years in Venus orbit, Akatsuki has acquired a volume of high-quality data, unveiled many new phenomena and is allowing researchers to investigate the underlying mechanisms. As the data accumulate, numerical models and theories are being advanced as well. We are no doubt living in the new golden era of Venus studies. This session invites papers of the new scientific results with Akatsuki data and the latest results of theoretical and numerical works. We expect participants of this session share the latest research results through presentations and discussion.

[PPS04-P08]On the current status of the AKATSUKI data archive

*Shin-ya Murakami[1], Yukio Yamamoto[1], George L. HASHIMOTO[2], Manabu Yamada[3], Atsushi Yamazaki[1], Takao M. Sato[1], Kevin McGouldrick[4], Naru Hirata[5], Kazunori Ogohara[6], Masahiro Takagi[7], Takeshi Horinouchi[8], Takehiko Satoh[1,9], Masato Nakamura[1] (1.ISAS/JAXA, 2.Okayama University, 3.Chiba Institute of Technology, 4.University of Colorado Boulder, 5.The University of Aizu, 6.The University of Shiga Prefecture, 7.Kyoto Sangyo University, 8.Hokkaido University, 9.SOKENDAI)
Keywords:AKATSUKI, data archive, Venus

We have released data archive acquired by the AKATSUKI (also known as Venus Climate Orbiter and PLANET-C) mission. The 1st data sets were released July 2017, and the 2nd data sets were released December 2017. These releases include data from UVI, IR1, IR2, LIR, and RS.

We are continuing preparations for the future releases of the AKATSUKI data, including higher level data sets, e.g., longitude-latitude gridded data sets and/or cloud motion vector data sets. We will report the current status of the AKATSUKI data archive and future release schedule.