

Planets

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The Working Group deals with systematic observations of the planets of the Solar system. The observations are archived and used to study the planetary atmosphere dynamics. Our works are presented in national (Greek) and international conferences along with papers published in scientific journals. An important activity of the section is to promote professional-amateur collaborations and engage amateurs to the planetary imaging. Additionally, the planets of the Solar system are an indispensable part during our outreach events, both as part of the presentations and of the public viewing.

Selected publications

- Peralta et al. 2019, *Morphology and Dynamics of Venus's Middle Clouds With Akatsuki/IR1*, [GeoRL, 46, 2399](#)
- Kardasis et al. 2018, *Jupiter's banded pattern changes in the 0.89 μ m band*, [EPSC, 12, 270](#)
- Kardasis 2017, *Digital amateur observations of Venus at 0.9 μ m*, [EPSC, 11, 405](#)
- Kardasis et al. 2016, *The need for professional-amateur collaboration in studies of Jupiter and Saturn*, [JBAA, 126, 29](#)
- Kardasis et al. 2015, *Spreading the passion for scientifically useful planetary observations*, [EPSC, 10, 707](#)
- Kardasis 2013, *Digital daylight observations of the planets with small telescopes*, [EPSC, 8, 795](#)

Articles related to the WG:

- [Long term changes in the band/zone pattern of Jupiter](#)
- [The need for Professional-Amateur collaborations to the monitoring of gaseous planets – poster for the 11th HelAS conference](#)
- [The need for Professional-Amateur collaborations in studies of Jupiter and Saturn – a JBAA publication](#)
- [Stellar occultation of HIP 54057 by Jupiter and Ganymede](#)
- [Jupiter maps \(March 2014\) and Methane absorption 889nm band report](#)
- [EPSC 2013: Digital daylight observations of the planets with small telescopes](#)