



## IGPP Virtual Seminar Series

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### Spin state and moment of inertia of Venus

Date: Tuesday, April 20<sup>th</sup>, 2021

Time: 12:00 pm, Pacific Time

Host: Katherine Guns (email [kguns@ucsd.edu](mailto:kguns@ucsd.edu) if you have questions)

Zoom link: <https://ucsd.zoom.us/j/97871000906?pwd=UVRJYkNySXpGemxkbkZYeFhQc2NKZz09>

Meeting ID: 978 7100 0906 (password = venus)

*\*Because this meeting will be recorded, please make sure that you are comfortable with it before joining\**

Earth-based radar observations in 2006–2020 enabled the first measurement of the spin precession rate and moment of inertia of Venus. The observations also showed that the spin period of the solid planet changes by tens of minutes. The length-of-day variations are due to variations in atmospheric angular momentum transferred to the solid planet. Some of the variations appear to follow the diurnal cycle.

