

## Patrick A. Taylor

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CONTACT INFORMATION	National Radio Astronomy Observatory Central Development Laboratory 1180 Boxwood Estate Rd. Charlottesville, VA 22903 USA	<i>Office:</i> 434-296-0289 <i>Mobile:</i> 443-254-7368 ptaylor@nrao.edu www.naic.edu/~ptaylor ORCID: 0002-2493-943X
PROFESSIONAL EXPERIENCE	<b>National Radio Astronomy Observatory (NRAO)    December 2021 onward</b> <b>Green Bank Observatory (GBO)</b> Radar Division Head, Central Development Laboratory	
	<b>Lunar and Planetary Institute (USRA)    April 2018 to December 2021</b> Senior Scientist, Planetary Sciences, Group Lead for Planetary Radar	
	<b>Arecibo Observatory    March 2009 to March 2018</b> Group Lead for Planetary Radar (September 2015 to March 2018) Staff Scientist II, Planetary Radar Astronomy (July 2012 to August 2015) Postdoctoral Associate, Planetary Radar Astronomy (March 2009 to July 2012)	
EDUCATION	<b>Cornell University    August 2003 to March 2009</b> Ph.D., Astronomy, 2009; Advisor: Jean-Luc Margot Dissertation: Tidal Interactions in Binary Asteroid Systems M.S., Astronomy, 2007	
	<b>University of Maryland – College Park    August 1999 to May 2003</b> B.S. with High Honors in Astronomy, B.S. with High Honors in Physics	
RESEARCH	- Radar, thermal infrared, and optical observations of small Solar System bodies - Shape reconstruction of small Solar System bodies - Dynamics of small Solar System bodies and multiple-component systems - Detection of non-gravitational forces on small Solar System bodies	
SERVICE	- Supervising postdoctoral researchers: Anne K. Virkki    April 2016 to March 2018 Sriram S. Bhiravarasu    April 2017 to December 2019 Flaviane C.F. Venditti    May 2017 to March 2018 Sean E. Marshall    November 2017 to March 2018 - Mentoring and training students, visiting researchers, and junior staff - Reviewed submissions to professional journals - Served as panelist and non-panelist (external) reviewer for NASA grant programs - Served on the Arecibo Scheduling Advisory Committee    2015 to 2018 - Served on the Small Bodies Assessment Group steering committee    2017 to 2020	
ORGANIZATIONS	- American Astronomical Society - Division for Planetary Sciences and Division on Dynamical Astronomy - American Geophysical Union - Small Bodies Assessment Group	

REFERENCES

**Dr. Jean-Luc Margot**

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