



The 2011 Henry R. and Gladys V. Irons Lecture in Physics and Astronomy



Professor Geoffrey W. Marcy

Earth-Size Exoplanets and Intelligent Life in the Universe

Saturday, April 9, 2011

2:00 P.M., Physics Lecture Hall

Busch Campus, Rutgers University

Geoff Marcy is a Professor of Astronomy at the University of California at Berkeley. Dr. Marcy's research is focused on the detection of extrasolar planets and brown dwarfs. His team has discovered more than 100 extrasolar planets, including the first multiple-planet system, the first Saturn-mass planet, the first Neptune-mass planet, and the first transiting planet. Ongoing work is designed to study the mass distribution of planets and the eccentricities of their orbits, including the successful search for Earth-like planets with NASA's *Kepler* satellite. Dr. Marcy is a member of the National Academy of Sciences, received the Carl Sagan Award from the Planetary Society, and was named Space Scientist of the Year by Discover magazine.

For more information, including an abstract, see <http://www.physics.rutgers.edu/irons/>

The general public is cordially invited to this FREE lecture, which will be given in the Physics Lecture Hall on Busch Campus of Rutgers University. Parking is available in lot 53A, across Frelinghuysen Road from the Lecture Hall. If necessary, there are also multiple parking lots on Livingston Campus, with buses to take people over to Busch Campus. Driving and parking directions are included below.

DRIVING DIRECTIONS

From the New Jersey Turnpike: take exit 9 to Route 18 (after the Turnpike toll booths, keep to the right and merge onto Route 18 northbound). Go 3.7 miles, passing over US Route 1, through two traffic lights, and over the Raritan River. IGNORE the exit for George Street/Rutgers University; do NOT exit before crossing the river. After crossing the river, take the second exit with a purple sign saying “Busch Campus”; this will put you on Campus Road. Continue about 0.3 miles until you come to a traffic circle. Take the second right on the circle, onto Frelinghuysen Road and towards the academic buildings. Parking lot 53A will be ahead on your left.

From Highland Park: take River Road (622N), turning right onto Route 18 north at the second stoplight. Take the very first exit, and then follow the “New Jersey Turnpike” instructions above.

From Route 287: take exit 9 south (River Road) towards Highland Park. You will quickly pass two traffic lights. Continue south on River Road for 2.5 miles until you reach the next traffic light at Hoes Lane. Turn left on Hoes Lane, then after about 0.5 miles take Frelinghuysen Road, which splits off to the right at an angle (look for the Rutgers Golf Course, which begins at this intersection and continues on the right-hand side of Frelinghuysen Road). After about half a mile, you will pass Allison Road on your left, followed by the Serin Physics Laboratory, the Physics Lecture Hall, and a bus stop. Parking lot 53A will be a bit farther along (just past the crosswalk) on your right.

From parking lot 53A: cross on foot to the north side of Frelinghuysen Road. The Physics Lecture Hall is a circular building with a scalloped roof located just behind the bus stop, at the east end of the Serin Physics Laboratory. Enter and go down the stairs to the auditorium.



From Livingston Campus: take the “Weekend 2” bus to the Hill Center stop on Busch Campus (the “Weekend 1” bus is available for the return trip). Buses run every 20-30 minutes; <http://parktran.rutgers.edu/campusbuses.shtml> provides details about routes and schedules. The Physics Lecture Hall is right next to the Hill Center bus stop.