



# BUENAVENTURA AEROSPACE SOCIETY CHAPTER

## Gravity Probe B

### Satellite Technologies and Discoveries

Francis Everitt, Ph.D. Stanford University

**Wed Aug 19, 2015 at 6:30 pm**

California Lutheran Ahmanson Science Auditorium, 60 Olsen Road, Thousand Oaks, CA

Meetings are free and open to the public

Register [at this website](#)



Gravity Probe B was a satellite-based mission funded by NASA which launched on 20 April 2004 on a Delta II rocket. The objective was to measure the apparent Coriolis force (Lense-Thirring effect) predicted by Einstein's Theory of General Relativity. The project followed a proposal by MIT Physicist George Pugh in 1959. Efforts were led by Stanford University physics department with Lockheed Martin as the primary subcontractor. Mission

scientists viewed it as the second gravity experiment in space following the Gravity Probe A in 1976. Dr. Francis Everitt speaks to the many groundbreaking technical accomplishments of the project and its results.

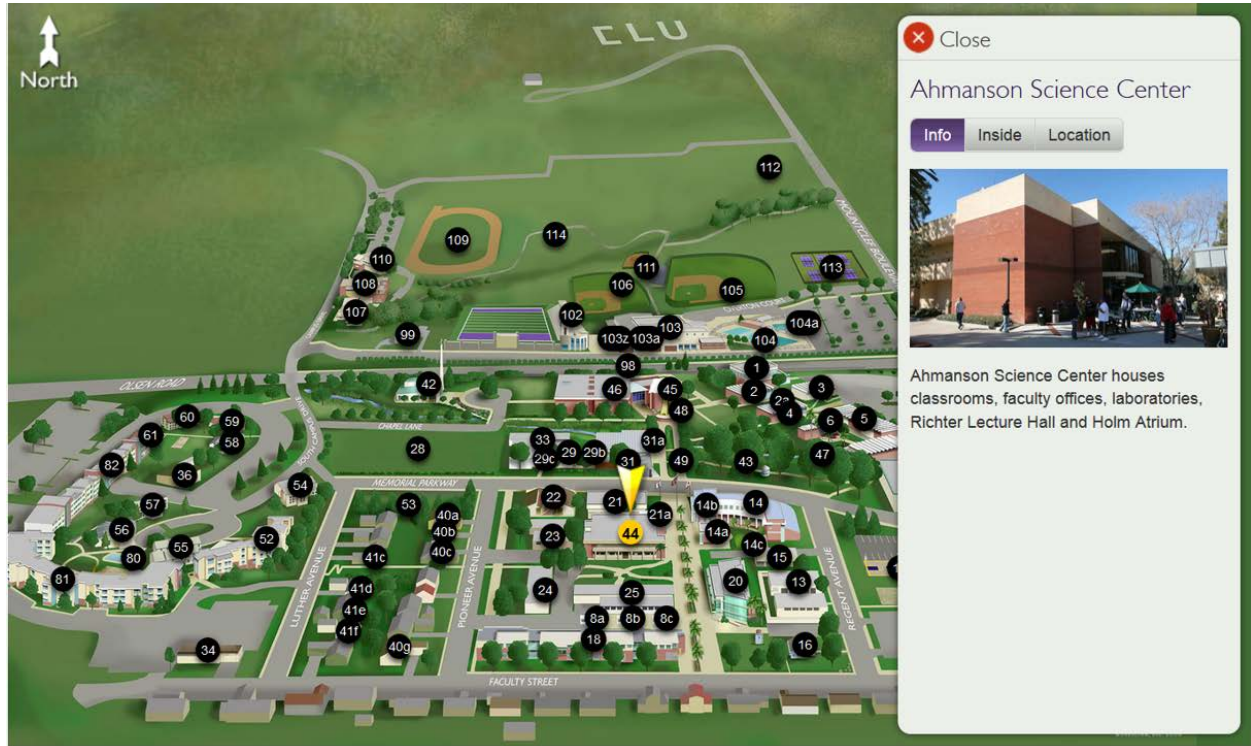


Dr. C. W. Francis Everitt is a US-based English physicist working on experimental testing of Einstein's Theory of General Relativity. Dr. Everitt was educated at Imperial College London and the University of Pennsylvania in low-temperature physics. He is presently Professor at the Hansen Experimental Physics Laboratory of Stanford University and is also an Associate Member of the Kavli Institute for Particle Astrophysics and Cosmology. Dr. Everitt was the Principle Investigator for the Gravity Probe B experiment.

**Location:** California Lutheran University  
100 Ahmanson Science Building,  
60 West Olson Road, Thousand Oaks  
(see map on next page)  
Pizza/networking starts at 6:30 pm  
Talk starts at 7:00 pm

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California Lutheran University  
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**RSVP:** get your ticket [here](#) (free event)  
[www.ieee-bv.org](http://www.ieee-bv.org)



**Directions from Ventura:**

Take the Ventura Freeway 101 South.  
Take Lynn Road Exit, turn left, drive 2.9 miles.  
Lynn Road turns into Olsen Road, drive .9 miles.  
Turn right onto Mountclef Boulevard - the University is on the right  
Turn Right onto Memorial Parkway  
Park on Memorial Parkway or adjacent streets.

**Directions from Los Angeles:**

Take the Ventura Freeway 101 North.  
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