



# Stanford Center for Position, Navigation and Time



6<sup>th</sup> Annual PNT Symposium • November 13-14, 2012 • Kavli Auditorium at SLAC

## Schedule

- November 13  
All Day,  
plus Dinner at the  
Stanford Faculty Club
- November 14  
Morning

## Hosts

- Per Enge
- Jim Spilker
- Brad Parkinson
- Mark Kasevich
- Tom Langenstein

## Invited Speakers

- Brad Parkinson—Nibbles
- Dennis Akos—GNSS/RFI Spoofing: Detection, Localization & Mitigation
- Logan Scott—Proof of Location: Verifying Physical Space in Virtual Space
- Jim Geringer—GNSS Policy: From the Farm to the Front Office
- Tom Murphy—Geoscience Subjects: Laser Ranging to the Moon, CM Orbit Determination, Earth Tides & Testing the Equivalence Principle
- Chuck Schue—Wide-Area Timing, Frequency & Data Using LF Technology
- Mark Kasevich—Precision Navigation Sensors Based on Atom Interferometry
- Andre Shkel—Microtechnology for Precision Navigation, Timing & Targeting
- Jingnan Liu—High Precision Applications of the Beidou Navigation Satellite
- Stan Honey—Technology Behind the America's Cup TV Graphics
- Col. Bernie Gruber—GPS Military User Equipment Vision
- Jason Wither—Specialized Data for Mixed Reality
- Gaylord Green—GPS Alternative Architecture
- Keoki Jackson—Status of GPS III Development
- Ray Kolibaba—Status of GPS OCX Development
- Rich Lee—Lightsquared Experiences
- Norvald Kjerstad—Arctic Navigation
- Ron Fugelseth—A Train in Space?

## Sponsors



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**Plus:**  
*Student  
 Poster  
 Sessions*

## SPACE IS LIMITED to 160 Attendees! — RSVP Required

