

# CALTECH / MIT ENTERPRISE FORUM SPACE VENTURING

**A Special Event at CALTECH / April 23rd from 8:30 -11:00AM**

For decades, the development of technology for use in space has been the domain of large governments. However, recent advancements in materials, data processing and regulatory changes now make private space venturing possible. **SpaceShipOne**, designed by Burt Rutan and financed by Microsoft Co-Founder Paul Allen, made history last year as the first manned, private spaceship and won the \$10 Million **X PRIZE**. Now **SpaceX**, funded by PayPal Co-Founder Elon Musk, is launching the first fully private rocket carrying commercial payloads into orbit. Soon **Virgin Galactic** will offer tourist flights into suborbit, and **Bigelow Aerospace** will send its inflatable hotel up in 2006.

With the leaders of the technology industry turning their attentions, imaginations and dollars towards the heavens, what's next? Come to Caltech and meet the premier space venturers who represent the vanguard of the emerging businesses of space transport, research and commercialization:

- **Alexandra Barnett (Moderator)**, Executive Director of Northern California's Chabot Space and Science Center and former Host of BBC's *Final Frontier*
- **Jeff Johnson**, head of space programs for Paul Allen's VULCAN, including American Mojave Aerospace, developers of the history-making SpaceShip One, the Virgin Galactic Spaceliners and other key space ventures
- **Gwynne Shotwell**, co-founder of SpaceX, who are launching the Falcon rocket into orbit this spring from Vandenberg Air Force Base – and the Bigelow Genesis module next year
- **Art Dula**, widely considered to be the world's leading expert on space law and guru of the Russian, Chinese and Japanese commercial space programs

Some of the topics to be covered include:

- **Space Tourism** and its impact on high-end recreation including *hyperspeed transoceanic travel* and the possible cottage industries that will emerge to support the new business
- **Who Gives The Nod?** The complex governmental and inter-governmental issues presented by private launch and overflight activities
- **Opportunities in Launch Vehicle Technology** being driven by the advent of space tourism and lower-cost satellites
- **Remote Sensing** – new, affordable high-quality sensors based in space
- **Space-based Entertainment** – development of space-derived content
- **Nanosatellites** – your own communications or observation portal in orbit?

**Caltech Main Campus / Ramo Building (Baxter Hall) / \$40 (full-time students \$10)**

*Continental breakfast and handout materials included. Go to [www.entforum.caltech.edu](http://www.entforum.caltech.edu) for event details.*



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