

# Physics Colloquium

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Monday, April 24, 2017 / 428 Pupin Hall / 4:15 PM  
wine and cheese following the colloquium



## Laetitia & Richard Garriott de Cayeux *Garriott Enterprises*



### **"The Future of Space Launch – Beyond Chemical Rockets"**

Since the dawn of the space race, space launch technology has relied on chemical combustion to send rockets into space, but if we want to dramatically reduce the cost of space access, we need new innovative technologies that go beyond the inherent limit of chemical combustion. One promising solution uses beamed energy to launch spaceplanes into orbit. Join space technology entrepreneur Laetitia Garriott de Cayeux and astronaut Richard Garriott de Cayeux as they discuss the current state of space launch technology and the physics behind the innovative ideas that are rapidly reducing the cost of space access.