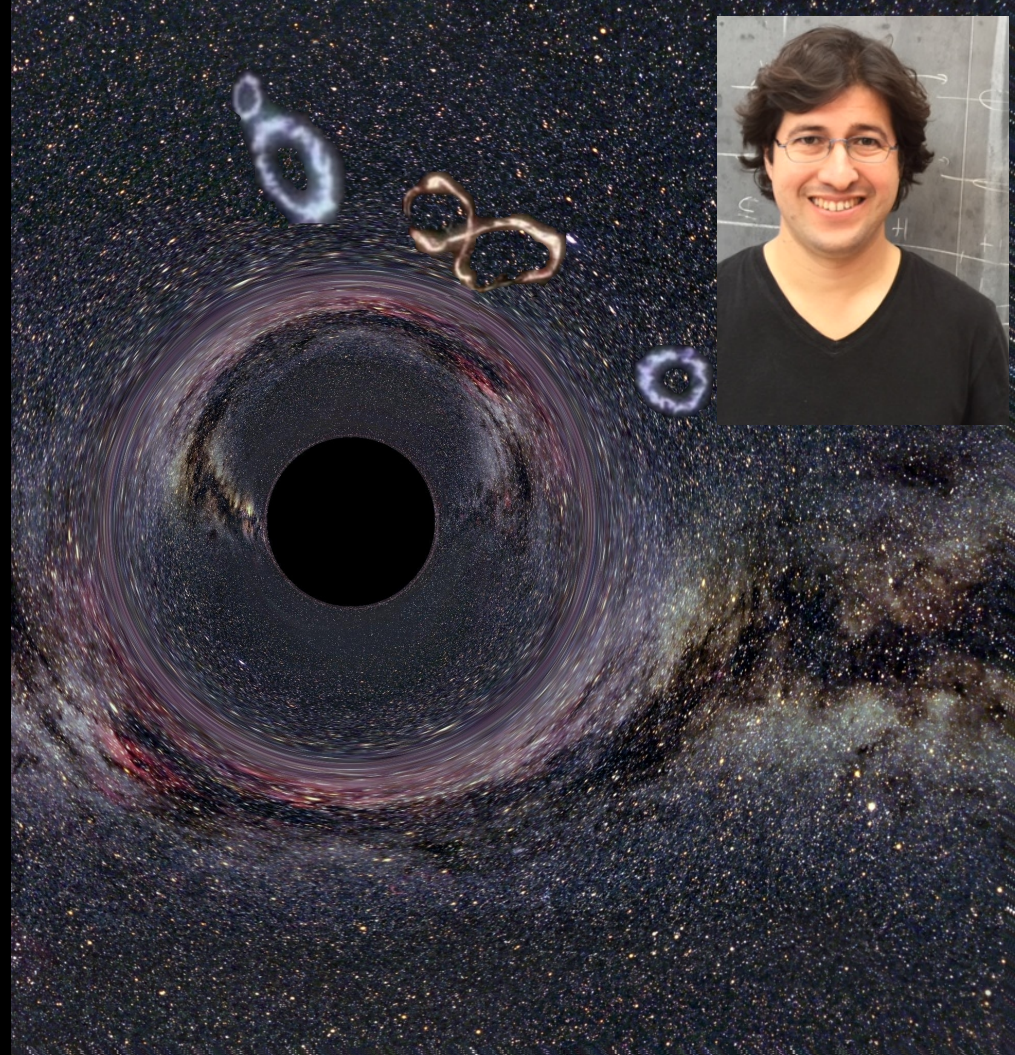


Café KITP presents:

# Black Holes, Quantum Tunneling and String Theory

Black holes are bizarre and fascinating objects, predicted by general relativity, a theory which governs the physics of the very large. Quantum mechanics, on the other hand, describes the physics of the very small, with quantum tunneling arising as one of its most non-intuitive features. String theory is a set of ideas capable of consistently merging the two frameworks of general relativity and quantum mechanics – a long sought-after goal. Join KITP theorist *Francisco Rojas* over dinner and drinks as he probes the exciting connections between these three concepts and reveals deep and unexpected insights that are now emerging and that have the potential to rock the very foundations of theoretical physics. Remember our motto: Eat, *think*, and be merry!



**Monday, November 30, 2015**

**6 – 7 pm, doors open for dinner at 5 pm**

**SOHO Restaurant and Music Club**

**in Victoria Court**

1221 State Street (upstairs), Santa Barbara

[www.sohosb.com](http://www.sohosb.com)

For more info contact Greg Huber ([huber@kitp.ucsb.edu](mailto:huber@kitp.ucsb.edu))



The Kavli Institute for  
Theoretical Physics

University of California, Santa Barbara