

*Department of Mathematics,  
University of California San Diego*

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## **Mathematics Colloquium**

# **Yannis Angelopoulos**

Caltech

### **Linear and nonlinear problems in general relativity**

#### **Abstract:**

In this talk I will discuss two different topics: a) the topic of precise asymptotics for linear waves on black hole spacetimes, and b) the topic of construction of spacetimes containing curvature singularities. If time permits, I will try to make connections with more general problems for quasilinear wave equations (for both topics).

**February 16, 2023**

**4:00 PM**

**APM 6402**

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