

# Bethe Colloquium

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University of California, Irvine

### **NoTORIous Neutrinos**

The discovery of non-zero neutrino masses has provided arguably the most compelling evidence for Physics beyond the Standard Model. Their observed small masses hint at Physics at a very high energy scale, and thus offer a unique window into the theory that underlies the Standard Model of Particle Physics. In this talk, I will describe how the pattern of neutrino masses may be closely

connected to the intricate mathmatics of modular symmetries.

Lecture Hall I

Physikalisches Institut Nussallee 12 53115 Bonn



#### Thursday, May 5, 2022, at 4:15 p.m.

This Colloquium takes place within the program of the Bethe Forum on "Modular Flavor Symmetries", May 2–6, at the Bethe Center for Theoretical Physics.

#### Bethe Center for Theoretical Physics

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