

ITS @ The Graduate Center

Initiative for the Theoretical Sciences

Modern Perspectives on Symmetry

Symmetries and their anomalies are powerful tools in the study of quantum field theories. In recent times, the notion of symmetry has evolved dramatically, and it is now understood as the set of topological operators in a quantum field theory. This new perspective has significantly broadened the concept of symmetry, to include higher-form symmetries, higher-group symmetries, and non-invertible symmetries.

Friday, March 15th 2024

Lectures will be held in the Baisley Powell Elebash Recital Hall (1st Floor)
The Graduate Center is located at 365 Fifth Avenue, between 34th and 35th Streets, in Manhattan

9:30 AM Coffee and bagels

10:00 AM **Clay Cordova** (University of Chicago)

11:30 AM Coffee

12:00 PM **Jonathan Heckman** (University of Pennsylvania)

1:30 PM Lunch

2:30 PM **Shu-Heng Shao** (Stony Brook University)

4:00 PM Coffee

4:30 PM **Michele del Zotto** (Uppsala University)