

FRONTIERS OF QUANTUM MATTER

量子 物质 前沿 讲座

CONFERENCE HALL 322
SCIENCE BUILDING
TSINGHUA UNIVERSITY

Abelian anyon theories of quantum error correction

Friday, May 9 & Monday, May 12 1:00 PM

Tyler Ellison (Perimeter Institute/Purdue University)

In this lecture series, I will introduce Abelian anyon theories and discuss their role in classifying quantum error correcting codes. Time permitting, I will discuss stabilizer codes, subsystem codes, holographic codes, and Floquet codes.