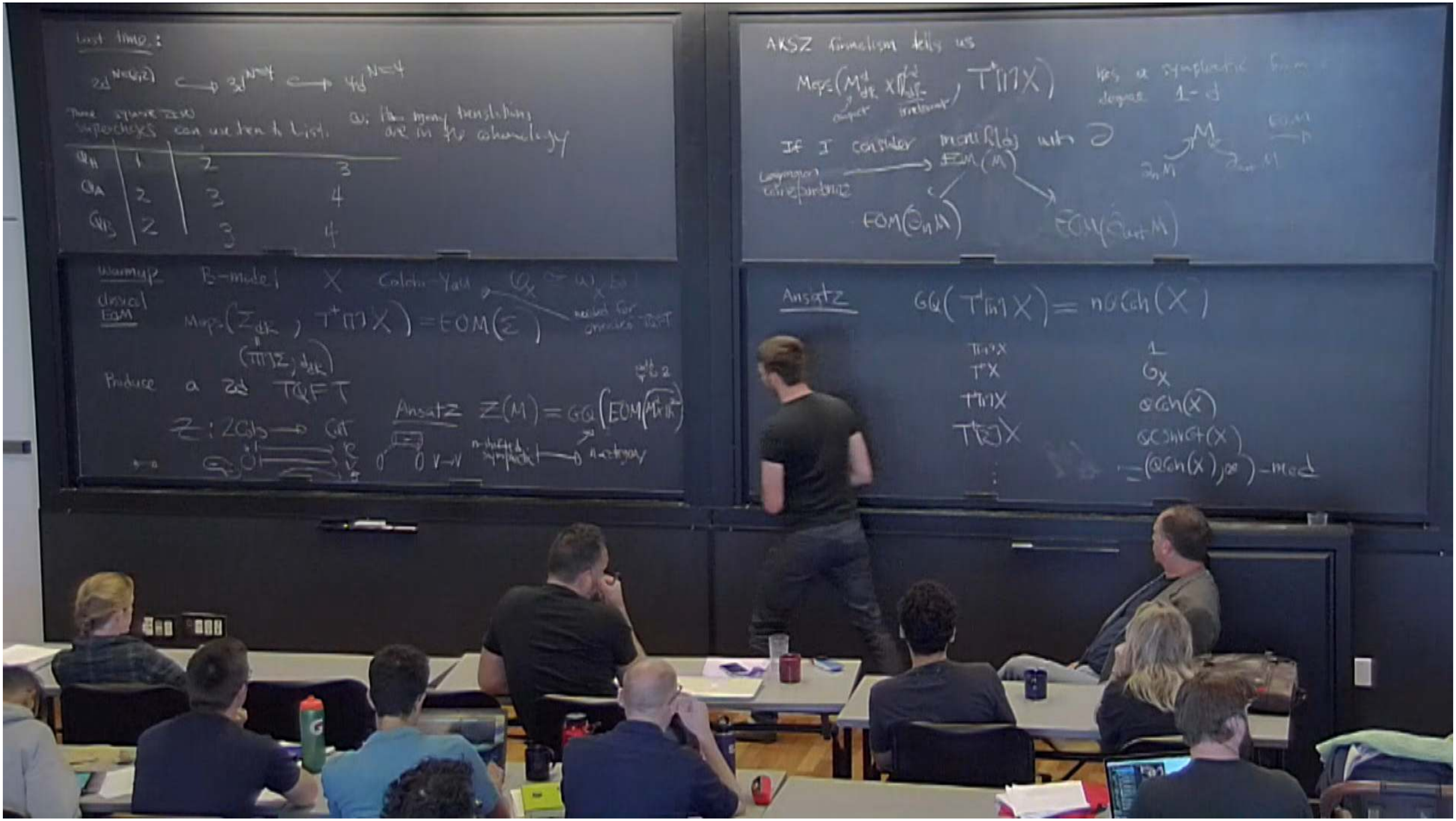
Title: TA Session: Defects in 3d and 4d Supersymmetric Theories

Speakers: Justin Hilburn

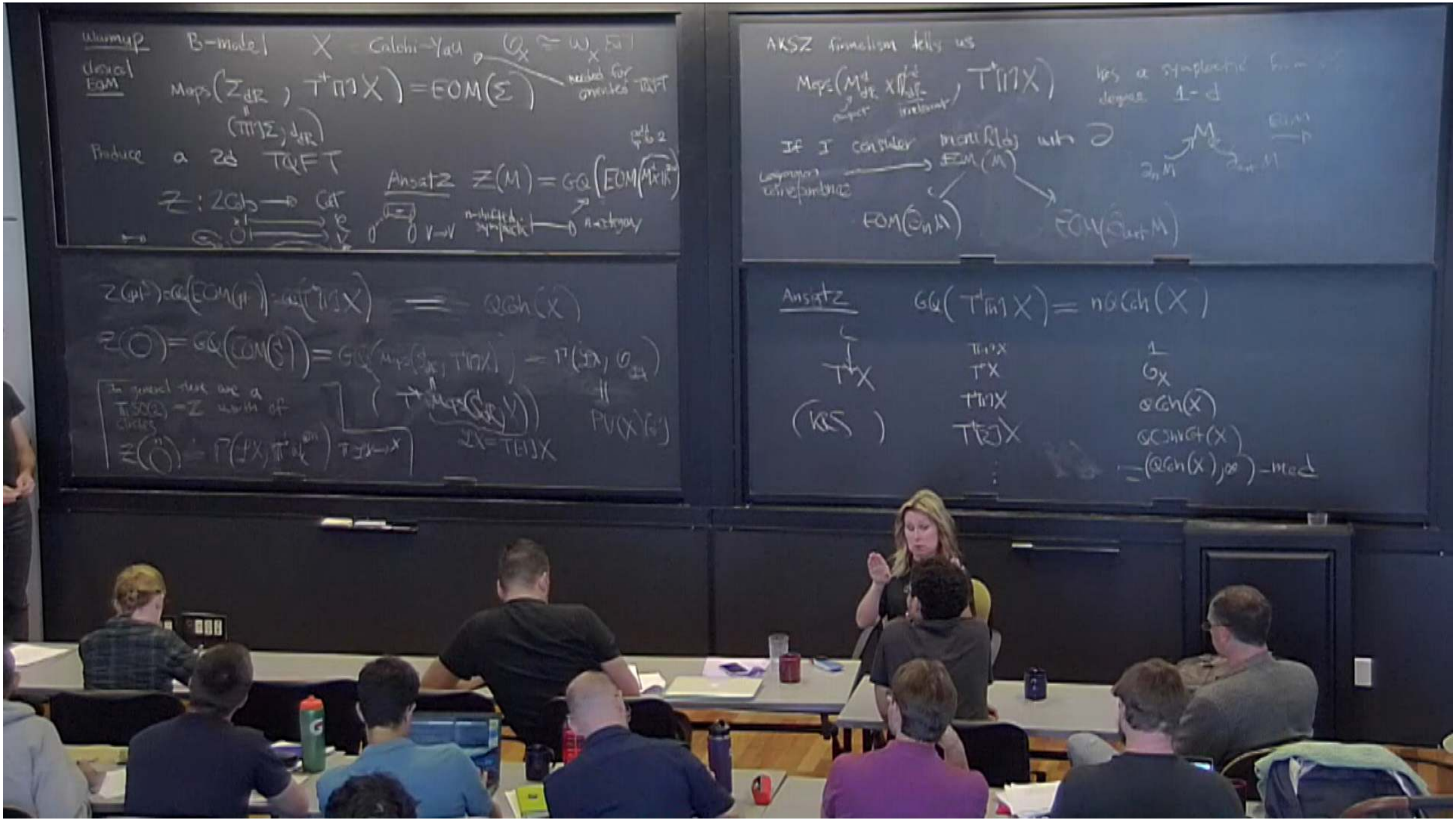
Collection: QFT for Mathematicians

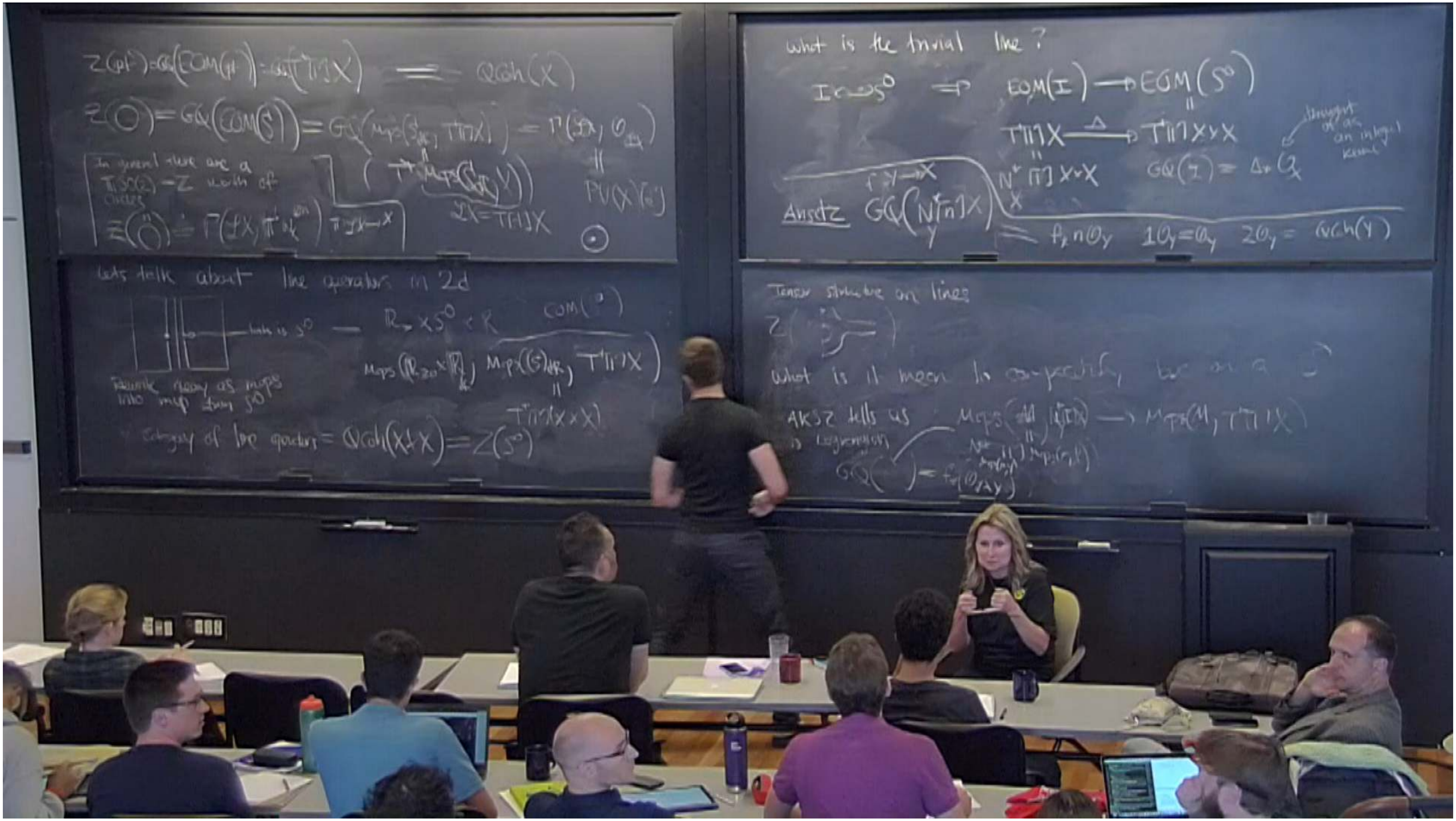
Date: June 27, 2019 - 4:00 PM

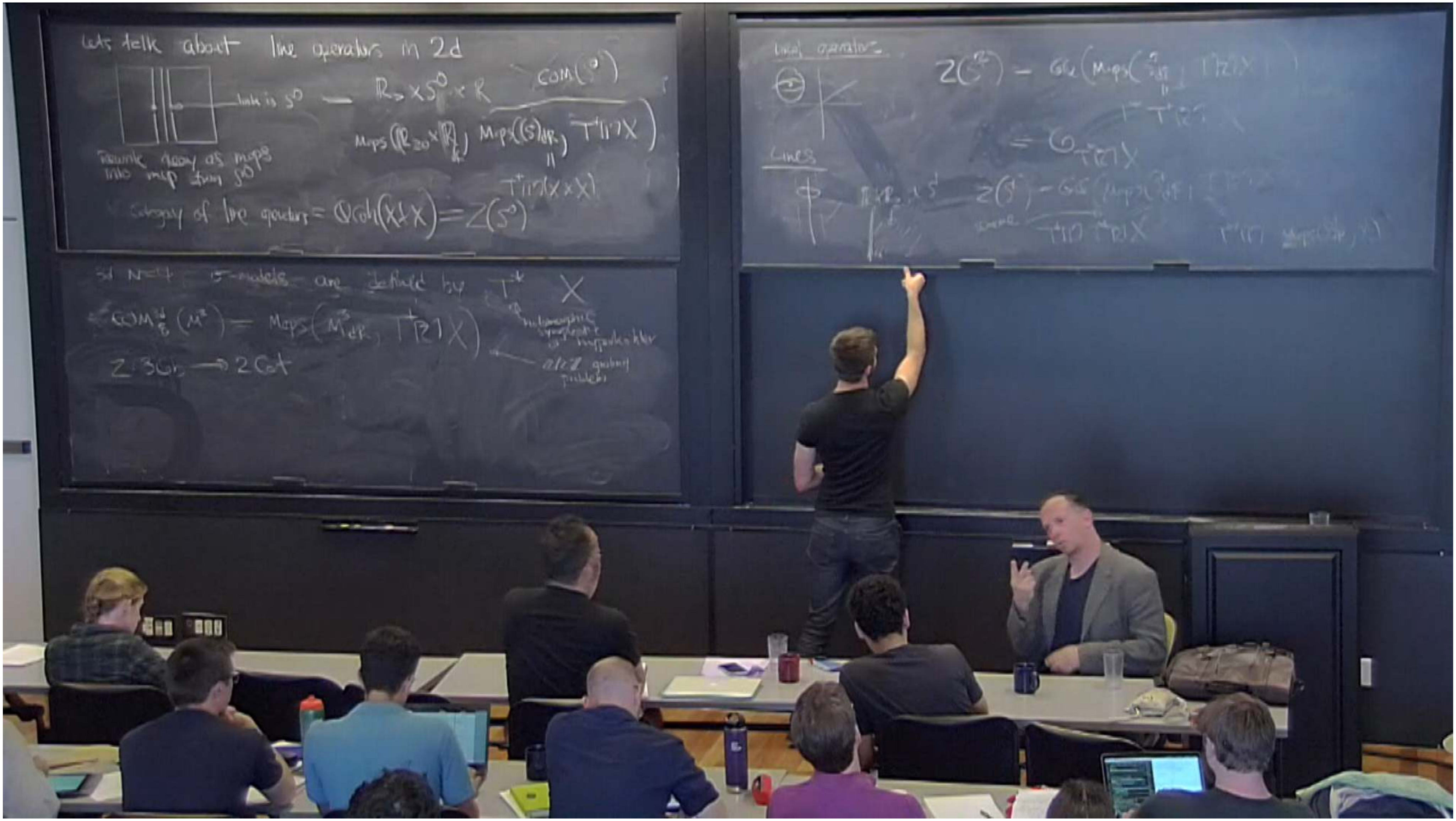
URL: http://pirsa.org/19060049

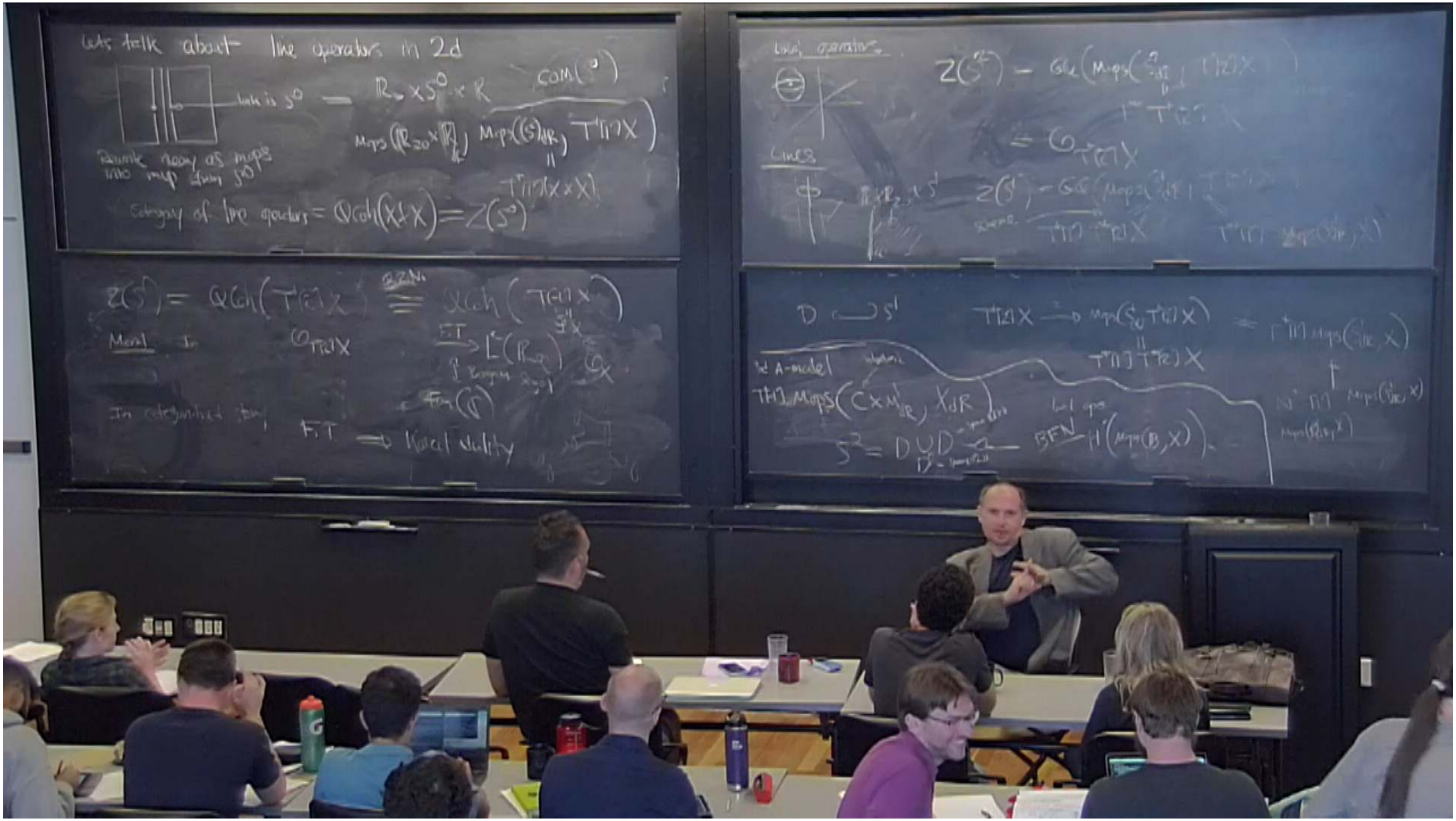


Last time:
AKSZ formalism tells us
If I consider manifolds with ∂
Warmup
B-model
Calabi-Yau
classical EoM
Produce a 2d TQFT
Ansatz


Warmup
B-model
X Calabi-Yau
Produce a 2d TQFT
Ansatz
AKSZ formalism tells us
If I consider manifold with ∂
Ansatz
(KS)


what is the trivial line ?
Ansatz
lets talk about line operators in 2d
Tensor structure on lines
AKSZ tells us




Lets talk about line operators in 2d
Local operators
Lines
A-model
F.T. ⟹ Koszul duality