

With every day, and from both sides of my intelligence, the moral and the intellectual, I thus drew steadily nearer to that truth, by whose partial discovery I have been doomed to such a dreadful shipwreck: that man is not truly one, but truly two.

—Dr. Jekyll

# THE TRIVIAL NOTIONS SEMINAR

**Sanath Devalapurkar**

will speak on

**Trivial dualities**

## ABSTRACT

I'll discuss a framework into which many algebro-geometric dualities/"spectral decompositions" fit; this list includes Cartier, Fourier(-Mukai), Koszul, Laumon, and Mellin dualities (even in char  $p$ ). They're all "trivial" in the sense that many of these are abelian cases of more interesting nonabelian stories. This is, after all, *trivial* notions...

Time permitting, I'll shift gears and talk about the über-duality in the topological setting: Atiyah duality.

**Friday, October 14, 2022**  
**at 12pm**  
**Science Center, Room 507**