

Dustin Tucker

Philosophy – Colorado State University

Monday, September 13, 2021

Time: 4:00 p.m.

Location: Weber 223

Title: Hi! I'm a Logician Here at CSU

Abstract: This is not a standard colloquium. I'm a logician housed in the philosophy department here at CSU, and most of my research engages far more with mathematics than it does with other areas of philosophy. In the 8 years I've been here, though, I've only gotten to know a handful people from your department, and I'm hoping this colloquium will be the beginning of more and stronger research and teaching connections with all of you, both faculty and students. With that goal in mind, I'll be covering three topics (no familiarity assumed—I promise I'll define all these terms and concepts, and with interesting examples to boot!):

1. my research interests, which include nonmonotonic logic, formal argumentation theory, and paradoxes of intensional logic;
2. courses I currently teach, which cover classical first-order logic, higher-order logic and type theory, modal logic, and Gödel's incompleteness theorems, along with a graduate course on some of the greatest hits at the intersection of mathematics and philosophy; and
3. courses I want to get on the books, including an undergraduate course on defeasible reasoning and a graduate course on set theory.

