Anja Jauernig (New York University):

Is Kant's Theoretical Philosophy Refuted by Later Science? The Case of Space and Geometry.

Abstract:

Kant's theoretical philosophy includes various claims that seem to be incompatible with later advancements in science. The project for this paper is to (a) cash out the main challenges to Kant's account of space and geometry based on developments in logic, mathematics, and physics up to about 1920 in the form of several concrete objections, (b) assess the strength of these objections, and (c), where needed, canvass some strategies for how to mitigate the damage and defend a form of Kantianism that is compatible with the relevant scientific developments. It turns out that Kant's account of space and geometry emerges surprisingly unscathed.