The SUMO Speaker Series for Undergraduates
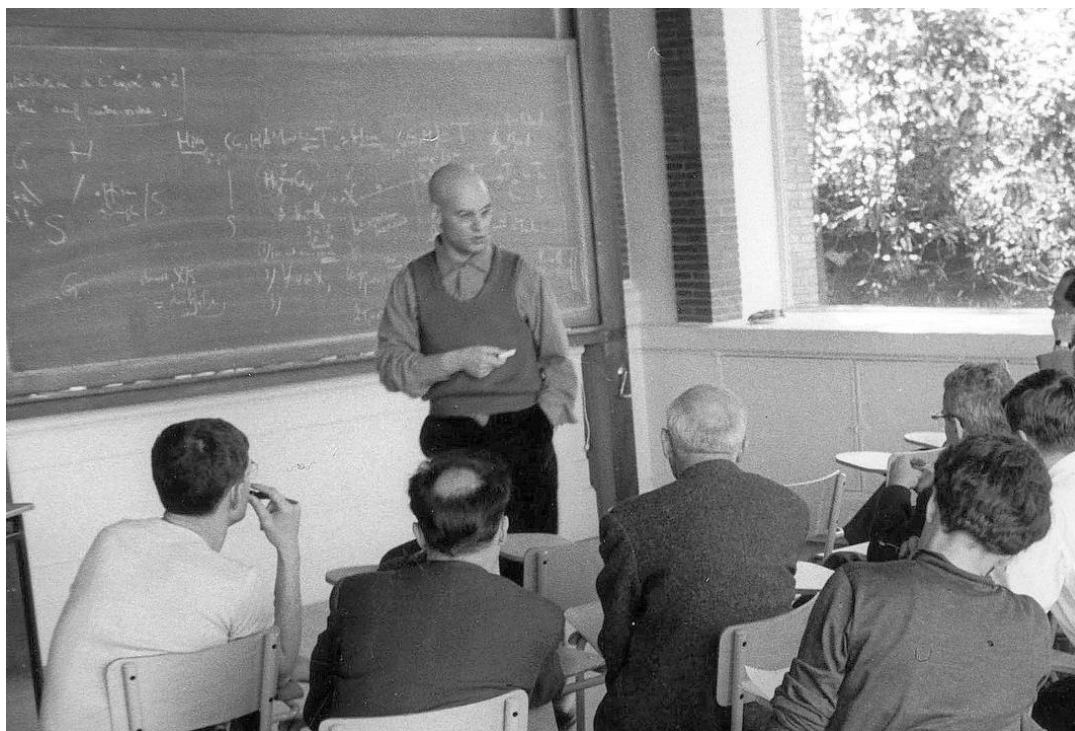
Thursday, February 12th
4:15-5:05, room 380C
(Food Provided)
Wer ist Grothendieck?

Professor Brian Conrad

Abstract:

Though not widely known to the public at large, Alexander Grothendieck (who passed away last November) held a position relative to pure mathematics in the 2nd half of the 20th century on par with Einstein's position in physics in the first half of the 20th century. It is difficult to overestimate the impact his ideas have had across a tremendous array of branches of mathematics: topology, functional analysis, algebraic geometry, logic, number theory, representation theory, and so on. We will present a sampling of some of his revolutionary ideas and their consequences for subsequent developments in mathematics, and discuss a bit about his rather exceptional life story as well.

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