

Wolfgang Wasow Lecture



Professor Vladimir Sverak

Distinguished McKnight University Professor
School of Mathematics
The University of Minnesota

Title: *PDE aspects of the Navier-Stokes equations and simpler models*

Abstract: Does the Navier-Stokes equation give a reasonably complete description of fluid motion? There seems to be no empirical evidence which would suggest a negative answer (in regimes which are not extreme), but from the purely mathematical point of view, the answer may not be so clear. In the lecture, I will discuss some of the possible scenarios and open problems for both the full equations and simplified models.

Details

Time: March 4 (Monday) 4PM-5PM,

Place: Van Vleck B239

*There will be coffee and cookies at 3:30 on the 9th floor.