“Rapid, aetherial bolt, descending fire, the earth all-parent, trembles at thy ire.”

The Trivial Notions Seminar
Proudly Announces

Descent and Cohomology

A talk by
Aaron Silberstein

Abstract
Descent is the technique of constructing “global” objects from “local” objects and “gluing data” (think of constructing vector bundles by trivializations). We will give examples and a precise definition, along with lots of pictures. We may then link descent data with cohomology and give insight into the Brauer group of a field. At the risk of angering Zeus, at this point the audience will hopefully no longer tremble at what may descend...

Thursday, November 15th, 2007 at 1:00 pm
Science Center 232