

University of Notre Dame Department of Mathematics

# TOPOLOGY SEMINAR

**William Dwyer**

University of Notre Dame

*Will give a lecture entitled:*

**Localization: a Survey, I**

*On*

Thursday, February 3, 2011

*At*

12:45 PM

*In*

258 Hurley Hall

***Abstract***

This will be a survey of the concept of localization, as it appears in topology and in homological algebra. I'll talk about the meaning of the concept, give examples, describe how localizations are constructed, and maybe discuss how they are used. If time permits, I'll also talk about the dual notion (which isn't called globalization!).