

MATH/PHYS WEEKLY SEMINAR



BRIAN ROBERTSON

- *Title:*
A very brief
intro to functional
programming

• *Friday—October 5, 2012*

UHall, B650

• *12:00 to 12:50 p.m.*

Some refreshments

Abstract:

Functional design. Where functions are first-class and side-effect free. While functional languages are becoming more popular they are unfortunately often regarded as difficult and confusing. In truth they are no more difficult than any other paradigm, and in some cases much simpler. We'll be dipping in to the history, concepts, and design of functional programming. While we'll only be touching the surface of what there is to explore, this talk hopes to spark your interest and leave you with enough introductory knowledge to explore the power of functional design for yourself. Even if you don't pursue functional languages, an understanding of their design will help you write cleaner and more modular code in any language. Almost all examples will be given in usable haskell that you can test and expand on at <http://tryhaskell.org/> for yourself; so be sure to bring a laptop.