October 17th, 2016 KAP 414 2:00 P.M. – 3:00 P.M.

## **Professor Robert Fernholz**

(INTECH)

## "Volatility and Arbitrage"

Abstract: In a stock market, if there is "adequate volatility", then there is relative arbitrage. We shall investigate what "adequate volatility" might mean, when there is longterm arbitrage, and when there is arbitrage over arbitrarily short intervals.