

# Minerva Foundation Lectures

Spring 2011



## Johannes Muhle-Karbe

(ETH Zurich)

*“Shadow Prices in Portfolio  
Optimization with Transaction Costs”*

Lecture I: ‘Motivation, History, and Existence’

- *Tuesday, February 1<sup>st</sup>; 4-6pm, Room 312 Math*

Lecture II: ‘The Growth-Optimal Portfolio under ‘Transaction Costs’

- *Thursday, February 3<sup>rd</sup>; 4-6pm, Room 312 Math*

Lecture III: ‘Maximizing Log-Utility from Consumption under ‘Transaction Costs’

- *Monday, February 7<sup>th</sup>; 4-6pm, Room 622 Math*

Lecture IV: ‘Long-Run Optimal Portfolios under ‘Transaction Costs’

- *Tuesday, February 8<sup>th</sup>; 4-6pm, Room 312 Math*

Abstracts for each lecture can be found at:

[http://www.math.columbia.edu/~fjv/PS/Minerva\\_2010.html](http://www.math.columbia.edu/~fjv/PS/Minerva_2010.html)

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