

ISMMA

**« INSTITUTUL DE STATISTICA MATEMATICA SI MATEMATICA
APLICATA al ACADEMIEI ROMANE »**



**SOCIETATEA DE PROBABILITĂȚI
ȘI STATISTICĂ DIN ROMÂNIA**

*SEMINAR de « TEORIA PROBABILITATILOR, STATISTICA si
APLICATII »*

LUNI 25 NOIEMBRIE 2019, ora 11:00

TRAIAN PIRVU (McMaster University, Hamilton, Canada)

**«Martingales, Martingale Method and Application to
Household Portfolio Sharing»**

Abstract: The talk will review in the first part concepts such as martingale probability measures, Black Scholes model, and the martingale method (a duality method) applied to portfolio optimization. In the second part we will present an application to a household portfolio sharing. This talk is based on joint work with Oumar Mbodji and Adrien Nguyen.

Contact : Oana Lupascu (email : oana.lupascu@yahoo.com)
Ciprian Tudor (email : tudor@univ-paris1.fr)