SCUOLA NORMALE SUPERIORE

SEMINARIO DI FINANZA QUANTITATIVA

Giovedì 24 novembre 2016
ore 11:00

Scuola Normale Superiore
Pisa
Aula Fermi

Giampiero Gallo

(Università di Firenze)

terrà un seminario dal titolo:

"Median Response to Shocks: A Model for VaR Spillovers in East Asia"

Abstract:
We propose a procedure for analyzing financial interdependencies within an area of interest, interpreting a negative daily return in an Originator market as a VaR (i.e. the product of a volatility level and the corresponding α–quantile of a time independent probability distribution), and measuring the Median Response in the Destination market through its volatility associated with the one in the Originator and the reconstruction of the correlation structure between the two (through copula functions). We apply our methodology to nine Asian markets, varying the choice of the Originator and deriving a number of indicators which represent the importance of each market as a provider or a receiver of turbulence. Over a 1996-2015 period we confirm the role of traditionally important markets (e.g. Hong Kong or Singapore), while over a rolling three–year estimation period, we can detect rises and declines, the explosion of turbulence in the occasion of the Great Recession and the magnified role of China in the recent years.

Tutti gli interessati sono invitati a partecipare.

Classe di Scienze Matematiche e Naturali