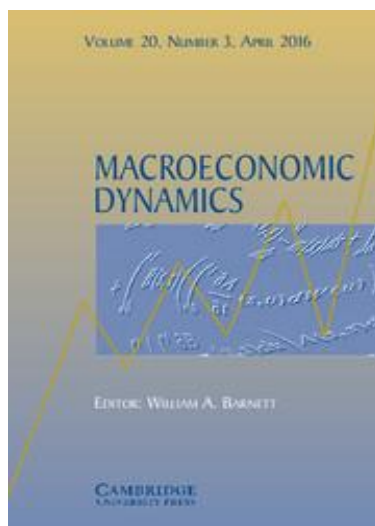
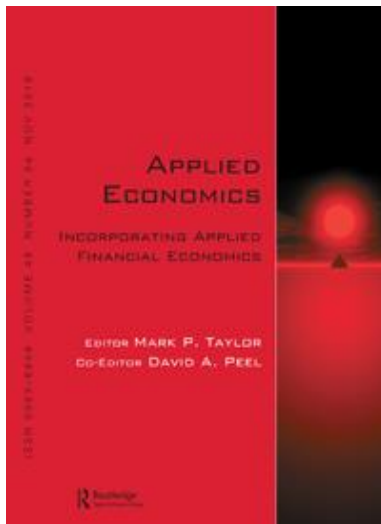
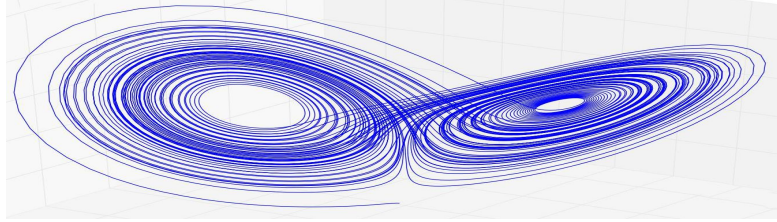


# SNDE

The Society for Nonlinear Dynamics and Econometrics



**3<sup>rd</sup> International Workshop on Financial Markets and Nonlinear Dynamics (FMND), June 1-2, 2017, Paris (France)**

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Dynamics (FMND)  
June 1-2, 2017, Paris (France)**

**Keynote Speakers:**

**Prof. Yacine Ait-Sahalia (Princeton University, USA)**

**Prof. Carol Alexander (University of Sussex, UK)**

**Prof. Tim Bollerslev (Duke University, USA)**

**Prof. Esfandiar Maasoumi (Emory University, USA)**

**Prof. Jeffrey Racine (McMaster University, Canada)**

***GUEST OF HONOR***

**Prof. Timo Teräsvirta, Aarhus University, Denmark.**

**Organizers:**

**Gilles DUFRENOT (Aix-Marseille School of Economics, France)**

**Fredj JAWADI (University of Evry, France)**

**Wael LOUHICHI (ESSCA School of Management, France)**

**Co-sponsor: Society for Nonlinear Dynamics and Econometrics**

[www.sndeecon.org](http://www.sndeecon.org)

## **Scope of the Workshop**

In the aftermath of the 2008/2009 global financial crisis, several international capital markets experienced severe losses. In order to limit these losses and improve risk control, the financial market authorities adopted new regulatory measures to strengthen the financial systems, control algorithm and flash trading, improve market organization, and advance risk management. The availability of high frequency market data and the development of recent econometric models are of real interest in assessing the efficiency of these new regulatory measures and to test their appropriateness. Moreover, this can also help identify the main characteristics of the financial market data, resolve the issues raised by high frequency data, improve the understanding of price formation, and assess the risk dynamics. The aim of the workshop is to discuss innovative econometric modeling approaches that can serve as valuable frameworks to deal with these issues, with a particular interest for nonlinear models. The workshop aims at bringing together academics and professionals (economists, financiers,

and econometricians) to discuss these issues and to present their recent theoretical and empirical findings. It will also serve as a valuable platform for discussing innovative and thought-provoking ideas on nonlinear high frequency data modeling.

We are looking for topics that might include (but are not restricted to) theoretical, experimental and empirical research in the following areas:

- Market Microstructure
- Order Book Dynamics
- Price formation
- Market Impact
- Market Regulation
- Market Liquidity
- Electronic Market
- Market Organization
- High Frequency data analysis
- Price Discovery
- Asset pricing
- Financial Intermediation
- Price dynamics
- Market imperfections
- Exchange Rate Dynamics
- Liquidity Modeling
- Market efficiency
- Stock Markets
- Behavioral Finance
- Quantitative Finance
- Banking and Investment
- Derivatives Pricing
- Capital Asset Models
- Risk Management
- Financial Engineering
- Hedge Funds
- Price formation
- Experimental Finance
- Extreme Risk and Insurance
- High Frequency Trading
- Optimal trading
- Market Analysis
- Algorithmic Trading
- Volatility Dynamics
- Financial Mathematics
- Nonlinear Dynamics
- Financial Econometrics
- Threshold Modeling
- Switching Regime Models
- GARCH Modeling
- Nonlinear Time Series
- Markov Switching Models
- Copula Techniques
- Simulation Methods
- Non Parametric Models
- Nonlinear Panel Models
- Forecasting
- Continuous Time Processes
- Dynamic Conditional Moments
- Long Memory Models
- State Space Models
- Linearity Tests
- Nonlinear Causality Tests
- Quantile Panel Regressions
- Bayesian Analysis

This international conference includes plenary sessions, parallel sessions and poster sessions. It will also include specific sessions organized in the **Honor of Professor Timo Teräsvirta**.

## Scientific Committee

C. Alexander, University of Sussex, UK.

Y. Ait-Sahalia, Princeton University, USA.

W. Barnett, University of Kansas & Center for Financial Stability, New York, USA.

T. Bollerslev, Duke University, USA.

G. Dufrénot, Aix -Marseille School of Economics, France.

Th. Foucault, HEC Paris, France.

Ph. Franses, Erasmus University, The Netherlands.

C. Gresse, Université Paris-Dauphine, France.

K. Hadri, Queens University Belfast, UK.

S. Hall, Leicester University, UK.

F. Jawadi, University of Evry, France.

K. Juselius, University of Copenhagen, Denmark  
B. Lehmann, University of California, San Diego, USA.  
L. Lescourret, ESSEC Business School, France.  
W. Louhichi, ESSCA School of Management, France.  
Dennis Kristensen, University College London & CRETAES, UK.  
K. Lansing, Federal Reserve Bank of San Francisco, USA.  
E. Maasoumi, Emory University, USA.  
B. Mizrach, Rutgers University, USA.  
Ch. Parlour, University of California, USA.  
D. Peel, Lancaster University, UK.  
J. Racine, McMaster University, Canada  
S. Reitz, University of Kiel, Germany.  
Ph. Rothman, East Carolina University, USA.  
L. Sarno, City University London, UK.  
O. Scaillet, University of Geneva and Swiss Finance Institute, Switzerland.  
G. Talmain, University of Glasgow, UK.  
T. Teräsvirta, Aarhus University, Denmark.  
E. Theissen, University of Mannheim, Germany.  
R. Tsay, University of Chicago, USA.  
R. Uctum, University of Paris West, & CNRS, France.  
D. Van Dijk, Erasmus University of Rotterdam, The Netherlands.  
B. Villeneuve, Université Paris Dauphine, France.  
J. C. Wu, University of Chicago, USA.

## Submission Process

Authors wishing to submit a presentation should send a full paper in PDF format and in English, via the workshop website: [www.fmnd.fr](http://www.fmnd.fr). The complete version of the paper should include the following information: title, name(s) of the authors, abstract, keywords, JEL classification, e-mail address for each author, complete address for the corresponding author. Please, note that the abstract is limited to 150 words.

## Important Dates

Deadline for submission: **February 28, 2017**.  
Notification of final decision: **March 15, 2017**.  
Author Registration : **March 15, 2017 - April 5, 2017**.

## Publication Opportunities

A selection of papers presented at this workshop will be considered for publication in the following special issues:

- a special issue of : *Applied Economics*.
- a special issue of : *Econometrics Reviews*.
- a special issue of : *Economic Modelling*.
- a special issue of : *Macroeconomic Dynamics*.
- a special issue of : *Studies in Nonlinear Dynamics and Econometrics* in the **Honor of Professor Timo Teräsvirta**.