



FACULTY OF ECONOMICS, THAMMASAT UNIVERSITY  
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# CURRICULUM VITAE

## WASIN SIWASARIT

(Updated April 2021)

### EDUCATION

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**2015:** Ph.D. in Economics, University of North Carolina at Chapel Hill.

Dissertation advisors: Prof. Eric Ghysels and Prof. Riccardo Colacito.

**2005:** M.A. (Economics), English Program, Thammasat University.

Thesis advisor : Prof. Arayah Preechametta

**2002:** B.A. (Economics), First Class Honor, Thammasat University.

Majors: Quantitative Economics and Fiscal Economics.

Minor: Finance.

### PRESENT POSITION:

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Director, Data Science and Big Data Analytics.

Assistant Professor, Faculty of Economics, Thammasat University.

### RESEARCH INTERESTS

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Financial Economics, Asset Pricing, Financial Econometrics,  
Macroeconomics.

## TEACHING INTERESTS

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Financial Economics, Economics of Money and Banking,  
Financial Econometrics.

## PUBLICATIONS

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Wasin Siwasarit (2019). **“Capturing the Order Imbalance with Hidden Markov Model: A Case of SET50 and KOSPI50”**, (Wu, Polin), *Asia-Pacific Financial Markets*. <https://doi.org/10.1007/s10690-019-09285-1>

Wasin Siwasarit (2019). **“Macroeconomic Determinants of Stock Market Volatilities: An Empirical Study of Thailand”**, paper presented at Singapore Economic Review Conference 2019, Singapore.

Wasin Siwasarit (2017). **“The Role of Financial data in Forecasting Thailand’s Economic Growth with Mixed Data Sampling (MIDAS MODELS)”**, paper presented at 39<sup>th</sup> Symposium, Faculty of Economics, Thammasat University.

Wasin Siwasarit (2016). **“Skewness in Expected Macro Fundamentals and the Predictability of Equity Returns: Evidence and Theory”**, (with R. Colacito, E. Ghysels, and J. Meng), *Review of Financial Studies*, Volume 29, Issue 8, August 2016.

Wasin Siwasarit (2011). **“Thailand Banks after the Financial Crisis in 1997”** (in Thai), Research Report, Thailand Research Fund.

Wasin Siwasarit (2007). **“Overconfidence, Rational Bubble, and Trading in Property Market”**, paper presented at the 3<sup>th</sup> National Conference of Economists, Kasetsart University.

**Research:**

**2020-2021:** “Energy Mix”, Submitted to PTT Public Company Limited.

**2017-2020:** “Forecasting the Quarterly Gross Domestic Product”, Submitted to the Government Saving Bank.

**2017:** “Forecasting New Housing Loans and Outstanding Housing Loans in Thai’s Property Market”, Submitted to the Government Housing Bank.

**2010:** “Impact of Non-Tariff Measures (NTMs) on Agricultural Export: The Case of Thailand (with Niramon Suthummakid, et al, Thammasat University). Research Project funded by Thailand Research Fund, July 2008 – June 2010.

**2007:** “Strategy in Promoting Small and Medium Enterprises in Different Sectors”, Submitted to the Office of Small and Medium Enterprises Promotion. (In Thai)

**2007:** “Action Plans for Small and Medium Enterprises Promotion” Submitted to the Office of Small and Medium Enterprises Promotion. (In Thai)

**2006:** “Overconfidence, Rational Bubble, and Trading in Property Market” Unpublished Master Thesis, Supervised by Assoc. Prof. Dr. Arayah Preechametta, Assist. Prof. Dr. Tatre Jantarakolika, Assist. Prof. Dr. Sittisak Leelahanon, and Dr. Damisa Mookmanee.

**2006:** “The Management of Legal Tender Coins in the Supply Chain”, Submitted to the Treasury Department, Ministry of Finance, 2007. (In Thai)

**2006:** “ The Market Research in Lottery Gambling in Thailand”, Submitted to the Government Lottery Office, Ministry of Finance, 2007. (In Thai)

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## WORKING AND TECHING EXPERIENCE

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**2015-2020:** Lecture,

**EC200/EC300: Data Science for Economists (Thai program)**

2/2019 (Evaluation 89.700/100)

2/2019 (Evaluation 90.795/100)

1/2020 (Evaluation 94.500/100)

**EE325: Introductory Econometrics (B.E program)**

1/2015 (Evaluation 91.442/100)

2/2015 (Evaluation 94.255/100)

1/2016 (Evaluation 91.570/100)

2/2016 (Evaluation 91.317/100)

**EC431: Economics of Money and Banking (Thai program)**

1/2015 (Evaluation 86.707/100)

2/2015 (Evaluation 91.430/100)

1/2016 (Evaluation 92.977/100)

**EC435: Introductory Financial Econometrics (Thai program)**

2/2016 (Evaluation 89.278/100)

1/2017 (Evaluation 89.679/100)

2/2017 (Evaluation 92.868/100)

1/2018 (Evaluation 93.131/100)

1/2020 (Evaluation 94.725/100)

**EE435: Introductory Financial Econometrics (B.E program)**

2/2018 (Evaluation 86.310/100)

2/2019 (Evaluation 89.900/100)

**EE425: Econometrics I (B.E program)**

1/2018 (Evaluation 91.983/100)

**EC426: Econometrics II (Thai program)**

2/2017 (Evaluation 94.567/100)

**EC638: Foundations of Macro-Finance (Asset Pricing)**

2/2016 (Evaluation 93.247/100)

Speaker: Risk assessment: How to Evaluate the project with Monte Carlo Simulation? 25-26 February 2016 at Royal Irrigation Department, Bangkok.

**2011-2015:** Teaching Assistant, Division of Finance, Kenan-Flagler Business School, UNC.

**2014-2015:** Research Assistant, Division of Finance, Kenan-Flagler Business School, UNC.

**2009:** Lecturer, Math camp 2009 (Pre-Course for Graduate Student, Master of Business Economics).

Lecturer, Economics of Money and Banking (EC431),  
1/2009 ,2/2009.

Lecturer, Introductory Mathematical Economics (EC 320),  
**1/2009.**

Lecturer, Macroeconomics for the Siam Commercial Bank Public Company Officers : Series 13, May 6-7, 2009 Head office SCB.

Lecturer, Macroeconomics for the Siam Commercial Bank Public Company Officers : Series 12, April 20-21, 2009 Head office SCB.

**2008:** Lecturer, Math camp 2008 (Pre-Course for Graduate Student, Master of Arts in Economics Program).

Lecturer, Economics of Money and Banking (EC431),  
1/2008 ,2/2008.

Lecturer, Introductory Mathematical Economics (EC 320),  
2/2008.

**2007:** Lecturer, Math camp 2007 (Pre-Course for Graduate Student, Master of Arts in Economics Program).

Lecturer, Introductory Mathematical Economics (EC 320),  
1/2007, 2/2007.

Lecturer, Introductory Macroeconomics (EC 214), 2/2007.

**2006:** Researcher, Economic Development Consulting Group.

**2005:** Managerial Economics (Graduate MBA Course/BA. 601,  
Master in Business Administration Program, Faculty of Commerce  
and Accountancy), Teaching Assistant to Associate Professor  
Nipon Poapongsakorn.

Fixed-Income Security Investment (Graduate MIF  
Course/MF 645 , Master in Finance Program, Faculty of  
Commerce and Accountancy), Teaching Assistant to Dr.Somjin  
Sornpaisarn.

**2005:** Econometrics (Graduate Course/EE 615, Master of Arts in  
Economics Program), Teaching Assistant to Professor Dr. Pranee  
Tinakorn.

**2004:** Mathematical Economics (Graduate Course, EE 611 & EC  
621, Master of Arts in Economics Program), Teaching Assistant to  
Dr. Thanet Makjamroen.

**2002:** Trainee, Financial Institutions Policy Group, Prudential  
Policy Department, Operational Risk Team, Bank of Thailand.

**2001-2005:** Teaching Assistance in the Following Undergraduate  
Courses at Faculty of Economics, Thammasat University:  
Introductory Macroeconomics (EC214), Economics of Money and  
Banking (EC431), Econometrics I (EC425), Econometrics II  
(EC426), Mathematical Economics I (EE421).

#### **AWARDS AND SCHOLARSHIPS RECEIVED**

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**2010-2014:** Ph.D. Thammasat Scholarship

**2014:** Prize for the Outstanding Research Project in 2013  
,Thailand Research Fund.

**2007:** Prize for Outstanding Graduate Thesis in Economics,  
Thammasat University.

**2003-2004:** Bank of Thailand Scholarship.

**2001-2002:** UFJ Foundation Scholarship.

**2000:** Military Bank Scholarship.

## **PROFESSIONAL ACTIVITIES**

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**2020:** paper presented at Annual Professor Sangvien Indaravijaya  
Conference on Thailand's Financial Markets.

**2019:** paper presented at Singapore Economic Review Conference 2019,  
Singapore.

**2018:** paper presented at Econometric research in finance workshop 2017,  
SGH Warsaw School of economics, Poland.

**2017:** PIER Research Workshop, Bank of Thailand.

**2017:** PIER Research Workshop in Finance, Bank of Thailand.

**2016:** PIER Research Workshop, Bank of Thailand.

**Discussion:** *Corporate Debt Maturity and Future Firm Performance Volatility*

**Authors:** Meg Adachi-Sato and Chaiporn Vithesonthi.

**2007:** Conference Presentations: 3<sup>th</sup> National Conference of Economists,  
Kasetsart University.

## **COMPUTER SKILLS**

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Extensive Programming Experience in : MATLAB, EViews., Stata, SPSS, R  
, Python, Power BI, Google Data Studio, and Dynare++

## REFERENCES

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### Arayah Preechametta

Professor, Faculty of Economics, Thammasat  
University Prachan Road, Bangkok 10200

### Riccardo Colacito

Associate Professor of Finance, Kenan Business  
School

Division of Finance, Kenan-Flagler Business  
School, University of North Carolina at Chapel  
Hill, NC, 27599

### Eric Ghysels

Edward M. Bernstein Distinguished Professor  
of Economics and Professor of Finance, Kenan  
Business School

Department of Economics, Gardner Hall,  
University of North Carolina at Chapel Hill, NC,  
27599-3305