

Curriculum Vitae

Sittisak Leelahanon

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Education

- B.Eng. (Electrical Engineering), Chulalongkorn University (May 1996)
- B.B.A. (General Management), Ramkhamhaeng University (June 1996)
- Ph.D. Economics, Texas A&M University (December 2002)
- Ph.D. Mathematics, Mahidol University (October 2008)

Dissertations

1. “Efficient Estimation of a Semiparametric Partially Linear Smooth Coefficient Model”
Committee: Prof. Qi Li (Advisor), Prof. James Griffin, Assoc. Prof. Rajiv Sarin and Prof. Emanuel Parzen
2. “ C^* -Algebra Sequence Spaces”
Committee: Assoc. Prof. Pachara Chaisuriya (Advisor), Assist. Prof. Gumpon Sritanratana, Somsak Orankitjaroen and Assist. Prof. Tipaval Phatthanangkul

Qualified Fields of Study

Econometrics, Probability and Stochastic Processes, Financial Mathematics, Game Theory, Real Analysis, Complex Analysis, Functional Analysis, and Topology.

Research Interests

Econometric Theory, Probability Theory, Mathematical Statistics, Mathematical Economics, Decision Theory, Game Theory, Microeconomic Theory, Real Analysis, Complex Analysis, and Functional Analysis.

Work Experiences

- 1996-1997 Network Engineer, Digitalcom Co., Ltd. (Thailand)
- 1999-2002 Teaching Assistant, Department of Economics, Texas A&M University, USA
- 2003-2006 Lecturer, Faculty of Economics, Thammasat University, Thailand
- 2006-2013 Assistant Professor, Faculty of Economics, Thammasat University, Thailand
- 2012-2016 Invited Lecturer, Thammasat Business School, Thammasat University.
- 2015-2018 Independent Researcher.
- 2019-2020 Part-time Lecturer, Faculty of Economics, Thammasat University, and Mahidol University International College, Thailand.
- 2020-present Assistant Professor, Faculty of Economics, Thammasat University, Thailand.

Administration in the Faculty of Economics, Thammasat University, Thailand.

- 2003 Committee Member of Economic Research and Training Center

2004-2007	Committee Member of Computer Service Unit
2007-2008	Committee Member of Graduate Program
2008-2011	Vice Dean for Academic Affairs
2022-2023	Director of The Bachelor of Economics Program
2023-present	Committee Member of Academic Affairs

Teaching Experiences

Econometrics and Statistics – Graduate Level Courses

- *EE624 Statistics for Economists*. Graduate Program, Faculty of Economics, Thammasat University. Semester: 1/2006, 1/2008, 1/2009, 1/2010.
- *EC624 Statistics for Economists*. Graduate Program, Faculty of Economics, Thammasat University. Semester: 2/2006.
- *EE616 Econometrics 2*. Graduate Program, Faculty of Economics, Thammasat University. Semester: 1/2003, 1/2004, 1/2005, 1/2006.
- *EE626 Advanced Econometrics*. Graduate Program, Faculty of Economics, Thammasat University. Semester: 2/2007.
- *EC627 Econometrics 2*. Graduate Program, Faculty of Economics, Thammasat University. Semester: 2/2003, 2/2004, 2/2005.
- *EE625 Econometrics*. Graduate Program, Faculty of Economics, Thammasat University. Semester: 2/2008, 2/2009, 2/2010.
- *EC625 Econometrics*. Graduate Program, Faculty of Economics, Thammasat University. Semester: 1/2011, 2/2021.
- *DB801 Advanced Statistical Analysis: Part II Probability Theory and Stochastic Processes*. Ph.D. Program, Thammasat Business School, Thammasat University. Semester: 1/2012, 1/2013, 1/2014, 1/2015, 1/2016.
- *MGMG596 Statistics for Management*. College of Management Mahidol University. Pre-course: 2005.
- *EE710 Research Methodology*. Graduate Program, Faculty of Economics, Thammasat University. Summer: 2008, 2009.

Econometrics and Statistics – Undergraduate Level Courses

- *ST216 Statistics for Social Science Students I*. Bachelor of Economics International Program, Faculty of Economics, Thammasat University. Semester: 2/2003.
- *EC435 Introductory Financial Econometrics*. Bachelor of Economics Program, Faculty of Economics, Thammasat University. Semester: 2/2011, 2/2012, 2/2020, 2/2021, 1/2023, 2/2024.
- *ICBE344 Econometrics I*. Mahidol University International College. Trimester: 3/2009, 1/2010, 2/2010, 3/2010.
- *ICBE441 Econometrics II*. Mahidol University International College. Trimester: 1/2010, 2/2010, 3/2010.
- *EE429 Seminar in Quantitative Economics*. Bachelor of Economics International Program, Faculty of Economics, Thammasat University. Semester: 1/2012.
- *EC429 Seminar in Quantitative Economics*. Bachelor of Economics Program, Faculty of Economics, Thammasat University. Semester: 2/2011, 2/2012.
- *ICBE448 Econometrics*. Mahidol University International College. Trimester: 1/2019, 2/2019, 3/2019.

- *EE425 Econometrics 1*. Bachelor of Economics International Program, Faculty of Economics, Thammasat University. Semester: 1/2020.
- *IPI331 Basic Econometrics*. Bachelor of Arts in Philosophy, Politics & Economics International Program, College of Interdisciplinary Studies, Thammasat University. Semester: 1/2023, 1/2024, 1/2025.

Statistics – Non-Degree Courses

- *Quantitative Methods: Part 2 Statistical Inferences*. Certified Investment and Securities Analyst Program: Level 1, Thailand Securities Institute, The Stock Exchange of Thailand. 2005.
- *Quantitative Methods for Valuations*. Certified Investment and Securities Analyst Program: Level 2, Thailand Securities Institute, The Stock Exchange of Thailand. 2005, 2006.

Mathematics – Graduate Level Courses

- *IBA7001 Quantitative Business Analysis*. Ph.D. Program, College of Innovation Management, Rajamangala University of Technology Rattanakosin. Semester: 1/2011, 1/2012.
- *EP505 Mathematics for Economists*. Ph.D.-M.Econ Program, School of Economics, University of the Thai Chamber of Commerce. Semester: 1/2006, 1/2007, 1/2008.
- *MF759 Special Topics in Finance II: Numerical Methods in Finance*. Master in Finance Program, Thammasat Business School, Thammasat University. Trimester: 2/2012.
- *EP403 Introductory Mathematics for Economics*. Ph.D.-M.Econ Program, School of Economics, University of the Thai Chamber of Commerce. Pre-course: 2006, 2007, 2008.
- *DBA Intensive Course: Part I Mathematics*. Ph.D. Program, Thammasat Business School, Thammasat University. Pre-course: 2012, 2013, 2014, 2015, 2016.
- *MF502 Mathematics for Finance II*. Master in Finance Program, Thammasat Business School, Thammasat University. Pre-course: 2010, 2011, 2012.

Mathematics – Undergraduate Level Courses

- *EE421 Mathematical Economics 1*. Bachelor of Economics International Program, Faculty of Economics, Thammasat University. Semester: 2/2007, 2/2023.
- *EC421 Mathematical Economics 1*. Bachelor of Economics Program, Faculty of Economics, Thammasat University. Semester: 1/2012, 1/2025.
- *EE422 Mathematical Economics 2*. Bachelor of Economics International Program, Faculty of Economics, Thammasat University. Semester: 1/2003, 1/2004, 1/2005, 1/2009, 1/2019, 1/2021.
- *EC422 Mathematical Economics 2*. Bachelor of Economics Program, Faculty of Economics, Thammasat University. Semester: 1/2010, 2/2020, 2/2022, 2/2025.
- *EE522 Selected Topics in Mathematical Economics 2: Mathematical Analysis for Economists*. Bachelor of Economics International Program, Faculty of Economics, Thammasat University. Semester: 2/2019.
- *EE521 Selected Topics in Mathematical Economics 1: Mathematical Analysis for Economists*. Bachelor of Economics International Program, Faculty of Economics, Thammasat University. Semester: 1/2022.
- *EE216 Fundamental Mathematics for Economists*. Bachelor of Economics International Program, Faculty of Economics, Thammasat University. Pre-course: 2004, 2005.

- *EE001 First-Year College Mathematics and Statistics for Economists*. Bachelor of Economics International Program, Faculty of Economics, Thammasat University. Pre-course: 2020, 2021, 2022, 2023, 2024, 2025.
- *EC320 Introductory Mathematical Economics*. Bachelor of Economics Program, Faculty of Economics, Thammasat University. Semester: 1/2023, 1/2024, 2/2024, 1/2025, 2/2025.

Economics – Graduate Level Courses

- *EE715 Selected Topics in Game Theory*. Graduate Program, Faculty of Economics, Thammasat University. Semester: 1/2008.
- *10321303 Managerial Economics*. Global-MBA Program, International School of Management, University of the Thai Chamber of Commerce. Semester: S/2024.
- *EP680 Topics in Game Theory*. Ph.D.-M.Econ Program, School of Economics, University of the Thai Chamber of Commerce. Semester: 1/2008.
- *MF640 Financial Economic Theory: Part I Discrete-Time Asset Pricing*. Master in Finance Program, Thammasat Business School, Thammasat University. Trimester: 3/2012.
- *MGMG506 Thai Economy in the Global Context*. College of Management Mahidol University. Trimester: 2/2011,3/2011, 2/2012, 3/2012.

Economics – Undergraduate Level Courses

- *EC411 Microeconomic Analysis*. Bachelor of Economics Program, Faculty of Economics, Thammasat University. Semester: 1/2011.
- *EE411 Microeconomic Analysis*. Bachelor of Economics International Program, Faculty of Economics, Thammasat University. Semester: 1/2020,1/2021, 1/2022.
- *EC415 Game Theory*. Bachelor of Economics Program, Faculty of Economics, Thammasat University. Semester: 2/2023.
- *EC210 Introductory Economics*. Bachelor of Economics Program, Faculty of Economics, Thammasat University. Semester: 2/2024.
- *ICGB102 Navigating the Market Landscape*. Mahidol University International College. Trimester: 2/2025.
- *ICGB103 Decoding Economic News*. Mahidol University International College. Trimester: 3/2025.
- *ICGS103 Economics in Modern Business*. Mahidol University International College. Trimester: 2/2019,1/2020, 2/2020,3/2020, 1/2021,2/2021, 3/2021,1/2022, 2/2022, 3/2022, 1/2023, 2/2023, 3/2023, 1/2024, 2/2024, 3/2024, 1/2025.
- *ICMB205 Microeconomics*. Mahidol University International College. Trimester: 1/2021.
- *ICMB206 Macroeconomics*. Mahidol University International College. Trimester: 1/2024, 2/2024, 3/2024, 1/2025, 2/2025, 3/2025.
- *ECON202 Principles of Microeconomics*. Department of Economics, Texas A&M University. Semester: Spring 2021.

Books

1. **“Quantitative Methods”**, Thailand Securities Institute, The Stock Exchange of Thailand.
2. **“Quantitative Methods for Valuations”**, Thailand Securities Institute, The Stock Exchange of Thailand.

Empirical Research Projects

1. **“The impact of AFTA on Thailand”** (2004)
[with Jakrapong Uchupalanun and Mingkwan Thongpruksa]
2. **“GPP Fast Track Forecasting Project”** (2004)
[with Praipol Koomsup and Tatre Jantarakolica]
3. **“Study on Consumer’s Behavior to Liquor and Alcoholic Drink and Policy”** (2005)
[with Nipon Poapongsakorn, Somchai Suksirisereekul, Euamporn Tasarika, Sake Metharsuraruk and Somkeit Ruangchan]
4. **“Effects of Alcohol Tax on Liquor Prices and Consumptions”** (2007)
[with Nipon Poapongsakorn, Euamporn Phijaisanit, Duangmanee Laovakul, Sake Metharsuraruk, Tipatree Jittrekant and Pannipa Rungruengsarn]
5. **“Mae Moh Mine’s Lignite Pricing Project”** (2007)
[with Chanin Mephokee, Chalotorn Kansuntisukmongkol and Puree Sirasootorn]
6. **“Effects of Liquor Tax Increase and the Liquor Consumption Control Act”** (2009)
[with Nipon Poapongsakorn, Duangmanee Laovakul, Sake Metharsuraruk, Pannipa Rungruengsarn and The Excise Department of Thailand]
7. **“Study on Thailand’s Demand for Fuel in the Next 5 Years”** (2010)
[with Praipol Koomsup and Tienchai Chongpeerapieng]
8. **“Study on Fuel Price Structure Adjustment”** (2011)
[with Praipol Koomsup, Tienchai Chongpeerapieng, Puree Sirasootorn and Napon Suksai]

Selected Published Research Papers

1. Kamolvej, **Leelahanon** and Tangjittipanya (2004), **“Prediction Model for Hydroponics Industrial (PHI): Regression and Time Series Approach”**, *Proceedings of 11th Tri-University International Joint Seminar & Symposium*, pp. 159-162.
2. Ahmad, **Leelahanon** and Li (2005), **“Efficient Estimation of a Semiparametric Partially Linear Varying Coefficient Model”**, *Annals of Statistics* 33, pp. 258-283.
3. Bachmeier, **Leelahanon** and Li (2007), **“Money Growth and Inflation in the United States”**, *Macroeconomic Dynamics* 11, pp. 113-127.
4. **Leelahanon** and Chaisuriya (2009), **“ C^* -Algebra Sequence Spaces and Bounded Linear Operators”**, *Journal of Analysis and Applications* 7(1), pp. 31-52.
5. Techakanont and **Leelahanon** (2015), **“The Impact of Economic Crises on the Thai Automobile Industry”**, *Global Automobile Demand: Major Trends in Emerging Economies; Volume 2*, pp. 159-184.
6. Foongpiriya, Jithikulchai and **Leelahanon** (2022), **“Vulnerability-to-Poverty Household and Social Protection Consideration”**, *Discussion Paper No. 67*, Faculty of Economics, Thammasat University.
7. **Leelahanon** and Siwasarit (2025), **“Are ESG Ratings Noisy for Stock Returns? Evidence from Thailand Stock Market”**, *Discussion Paper No. 100*, Faculty of Economics, Thammasat University.
8. **Leelahanon**, Amornratananukroh and Jithikulchai (2025), **“Technical Efficiency Estimation of Rubber Farming in Thailand”**, *Southeast Asian Journal of Economics*, 13(3), pp.113-159.
9. Jithikulchai and **Leelahanon** (Forthcoming), **“Analysis of Policy Impact on Thailand’s Income Distribution in the Last Decade”**, *Economic Modelling*.

Journal Referee

1. Communications in Statistics – Theory and Methods
2. Communications in Statistics – Simulation and Computation
3. Statistics and Probability Letters
4. Journal of Nonparametric Statistics
5. Macroeconomic Dynamics
6. Transportation Research Part A: Policy and Practice
7. Thammasat Economic Journal
8. Kasetsart University Journal of Economics
9. Chiang Mai University Journal of Economics
10. Songklanakarin Journal of Science and Technology
11. Creative Business and Sustainability Journal