Donlapark Ponnoprat — Curriculum Vitae

CONTACT INFORMATION

Department of Statistics, Faculty of Science,
Chiang Mai University, Chiang Mai 50200,
Thailand.
Voice: 0-5394-3381 ext. 30
Email: donlapark.p@cmu.ac.th
Website: donlapark.cmustat.com

RESEARCH INTERESTS

My research interests lie in the interface between mathematics, computer science and statistics. Specifically, I am currently working on

- Optimal transport for data mining and domain adaptation
- Data and differential privacy
- Probabilistic modeling and its applications

ACADEMIC EMPLOYMENT

Lecturer of Statistics

Chiang Mai University, 2018-present

EDUCATION

University of California, San Diego(UCSD), San Diego, California, USA

Ph.D. in Mathematics, June 2018

Thesis title: *Well-posedness and modified scattering for derivative nonlinear Schrödinger equations*
Advisor: *Ioan Bejenaru*

Brown University, Providence, Rhode Island, USA

B.S. in Mathematics, May 2013

B.A. in Economics, May 2013

PUBLICATIONS

1. Ponnoprat, D., Inkeaw, P., [and 7 others]. Classification of hepatocellular carcinoma and intrahepatic cholangiocarcinoma based on multi-phase CT scans. *Med Biol Eng Comput* (2020). https://doi.org/10.1007/s11517-020-02229-2
2. Kittidachanan, K., Minsan, W., Pornnopparath, D., & Taninpong, P. Anomaly Detection based on GS-OCSVM Classification. In *2020 12th International Conference on Knowledge and Smart Technology (KST)* (pp. 64-69). IEEE. https://doi.org/10.1109/KST48564.2020.9059326
3. Pornnopparath, D. Small data well-posedness for derivative nonlinear Schrödinger equations, *Journal of Diff Equations* (2018). http://dx.doi.org/10.1016/j.jde.2018.05.016

TEACHING EXPERIENCE	2019-2020	Teaching in the following courses: Statistics for Everyday Life Fundamental Concept of Data Science Statistical Learning for Data Science 1 Statistical learning for Data Science 2 Statistical Theory 1 Special Topics in Applied Statistics: Probabilistic Graphical Models

GRANTS AND PRIZES	October, 2018	Young Scientist Grant, Chiang Mai University
	November, 2017	*Powell Dissertation Fellowships*, UCSD
	September, 2016	*NSF Grant DMS-1600444 (2016-2019)*

CONFERENCES ATTENDED	May 4-8, 2020	*Hot Topics: Optimal Transport and Applications to Machine Learning and Statistics* (virtual)
	April 20-24, 2020	*IPAM Workshop II: PDE and Inverse Problem Methods in Machine Learning Program* (virtual)
	January 29-31, 2020	*2020 12th International Conference on Knowledge*
	May 15-16, 2016	*Southern California Analysis and Partial Differential Equations Conference*, UCLA
	May 2-3, 2015	*Southern California Analysis and Partial Differential Equations Conference*, UCSD

SEMINARS ATTENDED	Winter 2017	*Properties of U^p and V^p Spaces*, UCSD
	Fall 2016	*Nonlinear Schrödinger Equations at Critical Regularity*, UCSD