**ผู้วิจัยร่วม**

**1. ชื่อ - นามสกุล** (ภาษาไทย) นวพร นาคหฤทัย

**ชื่อ - นามสกุล** (ภาษาอังกฤษ) Nawapon Nakharutai

**2. ตำแหน่งปัจจุบัน** อาจารย์ ประจำภาควิชาสถิติ

คณะวิทยาศาสตร์ มหาวิทยาลัยเชียงใหม่

**3. หน่วยงานและสถานที่อยู่ที่ติดต่อได้สะดวก**

ภาควิชาสถิติ คณะวิทยาศาสตร์ มหาวิทยาลัยเชียงใหม่

โทรศัพท์ 0- 053-943381 – 33 โทรสาร 053-943446

**4. ประวัติการศึกษา**

| | |
|---|---|
| ระดับปริญญาตรี | สาขาคณิตศาสตร์ มหาวิทยาลัยเชียงใหม่, 2556 |
| ระดับปริญญาโท | Master's degree in Mathematical Sciences, Durham University, 2558 |
| ระดับปริญญาเอก | PhD degree in Mathematical Sciences: Probability and Statistics, Durham University, 2562 |

**5. สาขาวิชาที่มีความชำนาญพิเศษ** (แตกต่างจากวุฒิการศึกษา)

Imprecise probability, Operation research and Decision making

**6. ประสบการณ์ทำงานที่เกี่ยวข้องกับงานวิจัยทั้งภายในและภายนอกประเทศ**

**Professional Experience:**

November 2019 – present Lecturer, Department of Statistics, Chiang Mai University, Thailand.

**Awards and Scholarship :**

1. The Anglo-Thai Society Education Awards 2018: Highly Commended award for Excellence in Sciences.
2. The Development and Promotion of Science and Technology Talents Project (Royal Government of Thailand scholarship), 2006 – 2019.

**Publication**

1. 'Algorithms for Generating Sets of Gambles for Decision Making with Lower Previsions' The International Symposium on Integrated Uncertainty in Knowledge Modelling and Decision Making (IUKM2020) 11 - 13 November 2020, Phuket, Thailand.

Springer-Verlag's Lecture Notes in Artificial Intelligence series. LNAI 12482, pp. 62–71, 2020. https://doi.org/10.1007/978-3-030-62509-2_6

2. Comparison of Spatial Socioeconomic and Health Clustering Population in Chiang Mai Province. Phiwkhom, W., Chiawkhun, P., Boonchieng, E., Boonchieng, W., Nakharutai, N. 17th International Conference on Electrical Engineering/Electronics, Computer, Telecommunications and Information Technology, ECTI-CON 2020, 2020, pp. 751-754,
3. 'Improving and benchmarking of algorithms for decision making with lower previsions' with Matthias C. M. Troffaes and Camila C. S. Caiado. International Journal of Approximate Reasoning, volume 113, pages 91-105, October 2019, DOI:10.1016/j.ijar.2019.06.008.
4. 'Evaluating betting odds and free coupons using desirability' with Camila C. S. Caiado and Matthias C. M. Troffaes. International Journal of Approximate Reasoning, volume 106, pages 128-145, January 2019, DOI:10.1016/j.ijar.2019.01.002.
5. 'Improved linear programming methods for checking avoiding sure loss' with Matthias C. M. Troffaes and Camila C. S. Caiado. International Journal of Approximate Reasoning, volume 101, pages 293-310, October 2018. DOI:10.1016/j.ijar.2018.07.013.
6. 'Efficient algorithms for checking avoiding sure loss' with Matthias C. M. Troffaes and Camila C. S. Caiado. In Alessandro Antonucci, Giorgio Corani, InÃl's Couso, and SÃl'bastien Destercke, editors, Proceedings of the Tenth International Symposium on Imprecise Probability: Theories and Applications, volume 62 of Proceedings of Machine Learning Research, pages 241-252. PMLR, July 2017. http://proceedings.mlr.press/v62/nakharutai17a.html
7. 'On the Lowest Unique Bid Auction with Multiple Bids' with Parkpoom Phetpradap. Engineering Letters, volume 23, issue 3, article number 02, pages 125-131, July 2015.

**Conference: Oral presentations**

1. ' Algorithms for Generating Sets of Gambles for Decision Making with Lower Previsions' The International Symposium on Integrated Uncertainty in Knowledge

Modelling and Decision Making (IUKM2020) 11 - 13 November 2020, Phuket, Thailand.

2. ‘Evaluating betting odds and free coupons using desirability’ and ‘Efficient algorithms for finding maximal gambles’ 11th workshop on Principles and Methods of Statistical Inference with Interval Probability (WPMSIIP’2018), August 2018, University of Oviedo, Oviedo, Spain.

3. ‘Efficient algorithms for checking avoiding sure loss’ The Tenth International Symposium onImpreciseProbability: TheoriesandApplications(ISIPTA’17) and FourteenthEuropean Conference on Symbolic and Quantitative Approaches to Reasoning with Uncertainty (ECSQARU 2017), July 2017, Lugano, Switzerland.

4. ‘Efficient algorithms for checking avoiding sure loss’ The Research Students’ Conference (RSC) in Probability and Statistics, April 2017, Durham University, Durham, United Kingdom.

5. ‘Checking avoiding sure loss and problems in gambling’ 9th workshop on Principles and Methods of Statistical Inference with Interval Probability (WPMSIIP’2018), September 2016, Durham University, Durham, United Kingdom.

6. ‘Efficient algorithms for checking consistency of probability bounds’ The Research Stu- dents’ Conference (RSC) in Probability and Statistics, June 2016, University College Dublin, Dublin, Ireland.